TRANSCRIPT OF RECORD

Page No.

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SUPREME COURT OF THE UNITED STATES.

OCTOBER TERM, 1921

7064

Term No. 254

7067

[illegible] NEWTON, AS ATTORNEY GENERAL OF THE STATE OF NEW YORK, EDWARD SWANN, AS DISTRICT ATTORNEY OF THE COUNTY OF NEW YORK, AND [illegible] NIXON, CONSTITUTING THE PUBLIC SERVICE COMMISSION OF THE STATE OF NEW YORK, FIRST DISTRICT, APPELLANTS,

vs.

7069

CONSOLIDATED GAS COMPANY OF NEW YORK, RESPONDENT.

7076

APPEAL FROM THE DISTRICT COURT OF THE UNITED STATES FOR THE SOUTHERN DISTRICT OF NEW YORK.

7076
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FILED MARCH 27, 1922.

7087

(254 No. [illegible])

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VOLUME XIX.

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COMPLAINANT'S EXHIBIT 407.

NATIONAL COKE AND COAL COMPANY

Summary of Operations

Year.	Amount of Capital Stock.	Total Dividends Paid.	Total Salaries Paid to Officers.	Surplus (Deficit in Red)
1901.....	$50,000.00	.....	$3,000.00	*$4,991.20
1902.....	do	.....	3,000.00	10,195.11
1903.....	do	17,500.00	1,000.00	2,277.19
1904.....	do	5,000.00	800.00	4,995.63
1905.....	do	5,000.00	800.00	5,596.33
1906.....	do	2,000.00	800.00	*264.86
1907.....	do	.....	900.00	*4,400.18
1908.....	do	5,000.00	950.00	5,013.30
1909.....	do	2,500.00	950.00	5,812.73
1910.....	do	.....	1,450.00	4,893.57
1911.....	do	5,000.00	1,450.00	5,457.58
1912.....	do	5,000.00	1,450.00	6.57
1913.....	do	5,000.00	1,450.00	3,217.47
1914.....	do	5,000.00	1,450.00	3,352.11
1915.....	do	5,000.00	1,450.00	13,526.08
1 16.....	do	7,500.00	1,166.66	1,859.75
1917.....	do	.....	950.00	*25,240.11
1918.....	do	.....	950.00	5,511.86
18 years.	$50,000.00	$69,500.00	$23,966.66	$36,818.93
Average dividend per year.....				$3,861.11
Average rate of dividend per year.....				7.72 per cent.

COMPLAINANT'S EXHIBIT 408.

Consolidated Gas Company of New York, New Amsterdam Gas Company, the Standard Gas Light Company of New York, the New York Mutual Gas Light Company, Central Union Gas Company, Northern Union Gas Company, The New York Edison Company, The United Electric Light and Power Company, Edison Electric Illuminating Company of Brooklyn and the Brush Electric Illuminating Company of New York

with

Harrison E. Gawtry, Anthony N. Brady and James Jourdan, Trustees.

INSURANCE AGREEMENT.

Dated September 15, 1902.
(Revised to July 1, 1919.)

INSURANCE AGREEMENT.

This Agreement, made the 15th day of September, 1902, between the Consolidated Gas Company of New York, the New

*In red ink on original.

Amsterdam Gas Company, The Standard Gas Light Company of New York, The New York Mutual Gas Light Company, the Central Union Gas Company, the Northern Union Gas Company, The New York Edison Company, The United Electric Light and Power Company, parties of the first part, and Harrison E. Gawtry, Anthony N. Brady and James Jourdan (hereinafter called "the Trustees"), parties of the second part, witnesseth:

Whereas, the parties of the first part desire to protect themselves, at the lowest cost, against losses to their property resulting from fire and explosions, and to enter into an agreement with each other for that purpose:

Now, therefore, in consideration of the premises and of the mutual covenants herein contained and of One Dollar, by each party to each of the others in hand paid, the receipt whereof is hereby acknowledged, the parties hereto hereby *agree* as follows:

ARTICLE I.

Character and Extent of Insurance.

Each of the parties of the first part may at any time insure such of its property as it may select against loss resulting from fire and explosions, in the manner hereinafter provided, and for such period as it may deem advisable; and any such insurance may, at any time, be canceled, in whole or in part, at the option of the insured.

ARTICLE II.

Application for Insurance and Payment of Premium.

To secure such insurance, the party applying for the same shall file with the Trustees a written application therefor, designating the property to be insured, its estimated value, and the amount and period for which the insurance is desired. Thereupon, the Trustees shall employ an insurance agent (hereinafter called "the Insurance Agent"), to ascertain, upon the basis of rates then prevailing among standard Insurance Companies, doing business in the City of New York, the amount of premium payable for such insurance. The party applying for such insurance shall thereupon pay the amount of such premium to the Trustees and shall receive a receipt therefor from them, and shall thereafter be entitled to all the protection and benefit afforded by this instrument.

In case any party hereby insured shall cancel its insurance hereunder, in whole or in part, the unearned portion of the premium paid thereon, calculated upon the customary short rate basis, shall be returned to such party.

ARTICLE III.

Inspection and Protection of Property.

The Insurance Agent shall, at least once in three months, and oftener, if so requested by the Trustees, cause an inspection of the property insured to be made, for the purpose of ascertaining if it is in good condition and properly cared for and if all reasonable precautions have been taken to guard against loss from the causes specified in Article I hereof; and he shall report the result thereof, with his recommendations, to the Trustees. Each of the parties of the first part shall, at its own expense, employ such reasonable means for more fully protecting its property, insured hereunder, as may be directed by the Trustees; such directions to be complied with as speedily as possible; and in case of the failure of any such party to so comply, its insurance hereunder may be canceled by the Trustees, who shall return to such party the *pro rata* premium for the unexpired term of such insurance. Such cancellation shall take place, at noon, four days after notice to that effect has been mailed by the Trustees to the Insured.

ARTICLE IV.

Increase in Risk.

If by reason of any change in the condition or surroundings of any property thus insured, it should, at any time, in the judgment of the Insurance Agent, become exposed to an increased risk of loss from either of the causes specified in Article I hereof, the party owning such property shall forthwith pay to the Trustees a sum, as additional premium, to be determined by the Insurance Agent, in accordance with the usage of standard Insurance Companies doing business in the City of New York.

ARTICLE V.

Disposition of Moneys Received.

After the payment of the expenses incurred by them in the performance of their duties hereunder, all sums received by the Trustees shall be held by them for the benefit of the parties of the first part, according to their respective interests. The moneys so held may be deposited by them in any Trust Company in good standing or may be invested and reinvested by them in such manner as they may in their absolute discretion deem advisable, although such investments are not of the character authorized by law for the investment of trust funds. In the case of investments in bonds or stocks, the bonds or certificates representing such stocks shall be deposited in some Safe Deposit Company of good standing, in the City of New York, or elsewhere, in the joint names of the Trustees; and all registered bonds and certificates of stock shall be registered

jointly in the individual names of or issued to the persons jointly who may constitute the Trustees hereunder at that time; and to avoid any complication in disposing of any such bonds or stock, the persons in whose names the bonds are registered, or to whom the certificates of stock are issued, shall forthwith duly execute and deposit with such bonds or certificates blank transfers thereof.

ARTICLE VI.

Participation Certificates.

At the expiration of each year during the continuance of this Agreement, the Trustees shall make a report to the parties of the first part, showing the condition of the trust fund and the net profits, if any, resulting from the operations hereunder of such year. If such operations in any year should show a profit, the Trustees shall issue Participation Certificates therein to the parties of the first part, according to their respective interests therein. Such interests shall be in proportion to premiums earned during such year upon the amount of insurance in force by the parties of the first part, respectively.

The said Certificates may be paid at any time by the Trustees; but they shall not be entitled to payment in the whole, or in part, except at the discretion of the Trustees. Until paid, they shall be entitled to interest, if earned, at the rate of three per cent. per annum, such interest to be payable at such times as the Trustees may direct. If, in any year, the net profits shall not be sufficient to pay the said interest on such Certificates then outstanding, the amount thereof shall be apportioned among, and be payable upon, the Certificates, ratably, and shall be applied thereto in the order in which they were issued.

ARTICLE VII.

Determination of Loss.

In case of a loss to any of the parties of the first part, resulting from either of the causes specified in Article I hereof, the party sustaining such loss shall forthwith give written notice and proof thereof to the Trustees, in substantially the manner prescribed by standard Insurance Companies doing business in this City. The extent of the loss shall then be determined by the Insurance Agent, unless the Chief Engineers of the parties of the first part unanimously agree thereto. The word "loss" shall be understood to mean loss or damage, and shall include only the actual cash value of the property affected, at the time the loss occurs. The Chief Engineers of the parties of the first part, or, where the loss is determined by the Insurance Agent, the said Agent shall file with the Trustees a certificate showing the amount thereof. A copy of such cer-

tificate shall forthwith be mailed by the Trustees to each of the parties of the first part. If any of them shall object to the amount of the loss as determined by the Insurance Agent, each party so objecting shall, within ten days after such certificate has been so mailed, give written notice of its objection to the Trustees; and all of the parties so objecting shall, in such notice, name a competent appraiser to represent them in determining such loss. The Trustees shall, within five days thereafter, name another competent appraiser, and the two chosen shall forthwith select an umpire. The appraisers shall then estimate and appraise the loss, stating separately the sound value and damage, and if they fail to agree, they shall submit their differences to the umpire. The award in writing of any two shall determine the amount of such loss.

ARTICLE VIII.

Partial Insurance.

If, at the time of any such loss, the whole amount of insurance then in force hereunder, on the property upon which the party sustaining the loss has paid a premium, as aforesaid, shall be less than the actual cash value thereof, such party shall in no event receive from the Trustees more than such portion of the said loss as the amount thus insured shall bear to the actual cash value of such property.

ARTICLE IX.

Coinsurance.

If the property of any of the parties of the first part, destroyed or injured as aforesaid, shall, at the time of such destruction or injury, have been insured against the same by any insurance company, for the sole benefit of the party owning such property, such party shall not be entitled to receive from the Trustees hereunder any greater proportion of such loss than the amount of such insurance hereunder shall bear to the total amount of insurance upon such property at the time of the loss.

ARTICLE X.

Reinsurance.

The Trustees may, at any time, reinsure in any standard Insurance Company or companies any of the property insured hereunder, paying the premiums therefor out of any funds held by them. Such reinsurance shall be held for the benefit of all the parties of the first part, according to their several interests hereunder.

ARTICLE XI.

Payment of Loss.

Within thirty days after receiving the certificate referred to in Article VII, or within fifteen days after the filing with

it of the award as provided in said Article, in case the determination of the Insurance Agent should be objected to, the Trustees shall pay to the party suffering the loss so ascertained, the amount thereof. Such payment shall be made from the moneys received hereunder during the current year, in which said loss occurred; and if they shall be insufficient, then from the funds held by the Trustees, represented by outstanding Participation Certificates, in the reverse order in which such Certificates were issued; so that the fund which is represented by Certificates last issued shall first be appropriated. Notice of any such payment out of funds representing outstanding Participation Certificates shall be given to the holders thereof, who shall forthwith produce the same to the Trustees for the purpose of having stamped thereon the amount of the payment on account thereof as aforesaid, or for cancellation, in case the fund represented by any such certificate shall have been entirely exhausted.

If the total amount of the fund held by the Trustees shall not be sufficient to pay any loss hereunder in full, the Trustees shall forthwith notify each of the parties of the first part of the amount of the deficiency and of the proportion thereof payable by it, which proportion shall be determined by ascertaining the aggregate amount of annual premiums upon insurance then in force, and the respective proportions of the parties therein, and apportioning the said deficiency among the parties accordingly. In other words, each shall pay such proportion of the said deficiency as the annual premium on the insurance of each bears to the aggregate annual premium on the total amount of insurance then in force. Within ten days thereafter each party shall pay to the Trustees its said proportion of such deficiency; and upon receiving such payments, respectively, the Trustees shall forthwith pay them over to the party sustaining such loss. The latter party shall bear its proportion of any such loss, and such proportion may be offset against the total amount due to it.

In case any party shall fail to pay its proportion of any such deficiency, the Trustees are hereby authorized and empowered to enforce the payment of the same, for the benefit of the parties of the first part, by an action against such party.

ARTICLE XII.

Recovery of Damages from Third Persons.

If the destruction of any property insured hereunder shall be occasioned by the fault or negligence of a third person or corporation and if such person or corporation shall refuse to pay a reasonable sum on account of the loss thus sustained, the party which owns such property may, and if so requested by the Trustees shall bring suit to recover the damages so

sustained. If any damages should be collected or recovered from such person or corporation, the amount thereof, after deducting the reasonable cost of collection, shall be paid by the Company receiving the same to the Trustees and form part of the insurance fund hereunder. In case no recovery should be obtained in such suit, the Trustees shall, out of any funds then held by them hereunder, pay the disbursements and counsel fees incurred in prosecuting such suit.

ARTICLE XIII.

Protection of Property.

Each of the parties of the first part agrees to exercise reasonable care in the protection of its property and all reasonable means to save and preserve the property in case it should be injured by or should be exposed to injury from either of the *causes* hereinbefore specified.

ARTICLE XIV.

Modification or Termination of Agreement.

This agreement may be modified in any manner or terminated at any time, by the written consent of all the parties of the first part. It shall not continue, in any event, for a longer period than during the lives of Lewis B. Gawtry and James A. Stillman of the City of New York.

ARTICLE XV.

Parties of the First Part.

The words "parties of the first part" shall be held to include *any* gas or electric company doing business in the City of New York, whether expressly named herein or not, which shall execute this Agreement and shall have some insurance in force hereunder. Any such gas or electric company may at any time become a party hereto with the written consent of all the other parties of the first part upon executing this Agreement and complying with its provisions.

ARTICLE XVI.

Distribution of Fund on Termination of Agreement.

Upon the termination of this Agreement, the fund then held by the Trustees shall be distributed by paying off the then outstanding Participation Certificates and any accumulated interest thereon, and by paying any balance then remaining to the parties of the first part in proportion to premiums earned upon the insurance of each since the last previous issue of Participation Certificates.

ARTICLE XVII.

The Trustees.

The President of the Consolidated Gas Company of New York, or of any corporation with which that Company may

be consolidated or into which it may be merged, shall, by virtue of his office, constitute one of the Trustees hereunder. The other Trustees first hereinabove mentioned shall serve for the term of one year from the date hereof and until their successors shall be appointed by the said Consolidated Gas Company of New York or its successor. Any vacancy in the number of the Trustees may be filled, or any additional Trustees may, at any time, be appointed, by the said Consolidated Gas Company by an instrument duly executed under its corporate seal, pursuant to a resolution of its Board of Directors or Executive Committee, and any Trustee so appointed may, at any time, be removed in like manner by the said Company.

The Trustees shall not be entitled to any compensation for their services hereunder, unless the same is expressly authorized by the said Consolidated Gas Company or its successor. They shall, however, be entitled to be reimbursed for all costs, expenses and counsel fees incurred by them or for which they may become liable in the performance of their duties hereunder.

A majority of the Trustees for the time being may perform any act required of the Trustees hereunder, provided always that in such majority there be included, in every instance, the President of the Consolidated Gas Company of New York or of any corporation with which that Company may be consolidated or into which it may be merged. The written approval or concurrence of the said President in any act of the Trustees shall have the same force and effect as if he had taken *part* personally in such act.

For the purposes of this Agreement the Trustees shall be considered as having an office at such place as may be the principal office of the Consolidated Gas Company of New York or of its successor and all communications to the Trustees shall be addressed to them at the said office.

The Trustees shall keep books of account and records, correctly showing their acts and proceedings hereunder. They shall have power to fix their own time and place of meeting, to adopt regulations for their own government and course of proceeding hereunder, and to regulate the details connected with the execution of this Agreement not inconsistent with its general provisions.

The Trustees shall not be liable for the default or negligence of any agent or attorney employed by them, but each Trustee shall be liable only for his own wilful fault or misconduct. The Trustees shall not be held liable as insurers of any of the property of the parties of the first part; but their liability for losses sustained from any of the causes hereinbefore speci-

fied shall be limited strictly to the performance of the covenants on their part herein contained.

IN WITNESS WHEREOF, the parties of the first part hereto have caused this Agreement to be executed under their respective corporate seals by their respective Presidents, and the parties of the second part have hereunto set their hands and seals the day and year first above written.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
(SEAL) H. E. GAWTRY,
President.

NEW AMSTERDAM GAS COMPANY,
By
(SEAL) JAMES JOURDAN,
President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,
By
(SEAL) W. G. HOYT,
Vice-President.

THE NEW YORK MUTUAL GAS LIGHT COMPANY,
By
(SEAL) R. M. GALLAWAY,
President.

CENTRAL UNION GAS COMPANY,
By
(SEAL) W. R. BEAL,
President.

NORTHERN UNION GAS COMPANY,
By
(SEAL) MALCOLM M. GRAHAM,
Vice-President.

THE NEW YORK EDISON COMPANY,
By
(SEAL) ANTHONY N. BRADY,
President.

THE UNITED ELECTRIC LIGHT AND POWER COMPANY,
By
(SEAL) H. E. GAWTRY,
President.

EDISON ELECTRIC ILLUMINATING COMPANY OF BROOKLYN,
By
(SEAL) ANTHONY N. BRADY,
President.

THE BRUSH ELECTRIC ILLUMINATING COMPANY OF NEW YORK,

By

(SEAL) GEO. H. CHURCH,
President.

HARRISON E. GAWTRY, (SEAL)
ANTHONY N. BRADY, (SEAL)
JAMES JOURDAN, (SEAL)
Trustees.

KINGS COUNTY ELECTRIC LIGHT & POWER COMPANY,

By

(SEAL) ANTHONY N. BRADY,
President.

YONKERS ELECTRIC LIGHT & POWER COMPANY,

By

(SEAL) NICHOLAS F. BRADY,
Vice-President.

NATIONAL COKE & COAL COMPANY,

By

(SEAL) G. W. DOANE,
President.

MUNICIPAL LIGHTING COMPANY,

By

(SEAL) HENRY J. HEMMENS,
President.

THE ASTORIA LIGHT, HEAT & POWER COMPANY,

By

(SEAL) HORACE W. FULLER,
President.

WESTCHESTER LIGHTING COMPANY,

By

(SEAL) F. A. STRATTON,
President.

NORTHERN WESTCHESTER LIGHTING COMPANY,

By

(SEAL) F. A. STRATTON,
President.

PEEKSKILL LIGHTING & RAILROAD COMPANY,

By

(SEAL) F. A. STRATTON,
President.

NEW YORK AND QUEENS GAS COMPANY,

By

(SEAL) LEWIS B. GAWTRY,
Vice-President.

NEW YORK AND QUEENS ELECTRIC LIGHT AND POWER COMPANY,
By
(SEAL) C. G. M. THOMAS,
President.

MUNICIPAL LIGHTING COMPANY, INC.,
By
(SEAL) W. G. HOYT,
President.

STATE OF NEW YORK, *County of New York.*

On this 16th day of October, 1902, before me personally came Harrison E. Gawtry, to me known, who, being by me duly sworn, did depose and say that he resides in the City and County of New York; that he is the President of the Consolidated Gas Company of New York, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York.*

On this 20th day of October, 1902, before me personally came James Jourdan, to me known, who, being by me duly sworn, did depose and say that he resides in the City of New York; that he is the President of the New Amsterdam Gas Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York.*

On this 21st day of October, 1902, before me personally came W. G. Hoyt, to me known, who, being by me duly sworn, did depose and say that he resides in the City and County of New York; that he is the Vice-President of The Standard Gas Light Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was

such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporations, and that he signed his name thereto by the like authority.

J. F. REID,
(SEAL) *Notary Public*, 138, *New York County*.

STATE OF NEW YORK, *County of New York*,

On this 17th day of October, 1902, before me personally came Robert M. Gallaway, to me known, who being by me duly sworn, did depose and say that he resides in the City and County of New York; that he is the President of The New York Mutual Gas Light Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County*,
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York*,

On this 21st day of October, 1902, before me personally came William R. Beal, to me known, who, being by me duly sworn, did depose and say that he resides in the City and County of New York; that he is the President of The Central Union Gas Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County*,
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York*,

On this 6th day of November, 1902, before me personally came Malcolm M. Graham, to me known, who, being by me duly sworn, did depose and say that he resides in the City and County of New York; that he is the Vice-President of the Northern Union Gas Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said cor-

poration, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 20th day of October, 1902, before me personally came Anthony N. Brady, to me known, who, being by me duly sworn, did depose and say that he resides in the City and County of Albany; that he is the President of The New York Edison Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 17th day of October, 1902, before me personally came Harrison E. Gawtry, to me known, who, being by me duly sworn, did depose and say that he resides in the City and County of New York; that he is the President of The United Electric Light and Power Company, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to *said* instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 20th day of October, 1902, before me personally came Anthony N. Brady, to me known, who, being by me sworn, did depose and say that he resides in the City of Albany, N. Y.; that he is the President of the Edison Electric Illuminating Company of Brooklyn, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 24th day of October, 1902, before me personally came Geo. H. Church, to me known, who, being by me sworn, did depose and say that he resides in the City of New York, N. Y.; that he is the President of the Brush Electric Illumniating Company of New York, one of the corporations described in and which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by the like authority.

WALLACE YOUNG,

(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 20th day of October, 1902, before me personally came Harrison E. Gawtry, Anthony N. Brady and James Jourdan, to me known and known to me to be the individuals described in and who executed the foregoing instrument and severally acknowledged to me that they executed the same.

WALLACE YOUNG,

(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 8th day of December, 1903, before me personally came Anthony N. Brady, to me known, who, being by me sworn, did depose and say that he resides in the City of Albany, New York; that he is the President of the Kings County Electric Light & Power Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,

(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 6th day of November, 1903, before me personally came N. F. Brady, to me known, who, being by me sworn, did depose and say that he resides in the City of New York; that he is the Vice-President of the Yonkers Electric Light & Power Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board

of Directors of said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 24th day of November, 1903, before me personally came George W. Doane, to me known, who, being by me sworn, did depose and say that he resides in Summit, New Jersey; that he is the President of the National Coke and Coal Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County.*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York,*

On this 10th day of November, 1903, before me personally came Henry J. Hemmens, who, being by me sworn, did depose and say that he resides in the City of New York; that he is the President of the Municipal Lighting Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

CHARLES I. TAYLOR,
(SEAL) *Notary Public (No. 8), New York County.*

STATE OF NEW YORK, *County of New York,*

On this 13th day of November, 1903, before me personally came Horace W. Fuller, to me known, who, being by me sworn, did depose and say that he resides in the City of New York; that he is the President of The Astoria Light, Heat and Power Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,
(SEAL) *Notary Public, Nassau County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York*,

On this 25th day of November, 1904, before me personally came F. A. Stratton, to me known, who, being by me sworn, did depose and say that he resides in Mt. Vernon, N. Y.; that he is the President of the Westchester Lighting Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to the said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,

(SEAL) *Notary Public, Kings County,*
Certificate filed in N. Y. County.

STATE OF NEW YORK, *County of New York*,

On this 3rd day of November, 1909, before me personally came F. A. Strattan, to me known, who, being by me sworn, did depose and say that he is the President of the Northern Westchester Lighting Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to the said instrument was said corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

O. R. HOUSTON,

(SEAL) *Notary Public, New York County.*

STATE OF NEW YORK, *County of New York*,

On this 3rd day of November, 1909, before me personally came F. A. Stratton, to me known, who, being by me sworn, did depose and say that he is the President of the Peekskill Lighting and Railroad Company, one of the corporations which executed the foregoing instrument; that he knew the seal of said corporation; that the seal affixed to the said instrument was said corporate seal; that it was so affixed by authority conferred by the Board of Directors of said corporation, and that he signed his name thereto by like authority.

O. R. HOUSTON,

(SEAL) *Notary Public, New York County.*

STATE OF NEW YORK, *County of New York, ss.:*

On this 19th day of September, 1913, before me personally came Charles G. M. Thomas, to me known, who, being by me duly sworn, did depose and say that he resides in New York City; that he is the President of the New York and Queens Electric Light and Power Company, one of the corporations which executed the foregoing instrument; that he knew the corporate seal of the said corporation; that the seal affixed

to the said instrument was such corporate seal; that it was so affixed *by authority conferred by the Board of Directors* of the said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,
(SEAL) *Notary Public* 6, *County of New York*,
R. O. 4006.

STATE OF NEW YORK, *City and County of New York, ss.:*

On this 23rd day of September, 1913, before me personally came Lewis B. Gawtry, to me known, who, being by me duly sworn, did depose and say that he resides in the City of New York; that he is the Vice-President of the New York and Queens Gas Company, one of the corporations which executed the foregoing instrument; that he knew the corporate seal of *the* said corporation; that the seal affixed to the said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of the said corporation, and that he signed his name thereto by like authority.

EDGAR S. MURRAY,
(SEAL) *Notary Public No.* 156, *New York County*,
Register's N[illegible]126,
Commission expires March [illegible]914.

NEW YORK, March 26, 1903.

The undersigned, being all the parties of the first part to the Insurance Agreement between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry and others, Trustees, dated September 15, 1902, hereby consent that The Kings County Electric Light and Power Company, The Yonkers Electric Light and Power Company, The National Coke and Coal Company, and The Municipal Lighting Company, all of which are gas or electric companies doing business in the City of New York, may become parties of the first part to the said Agreement upon executing the same and complying with its provisions.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
H. E. GAWTRY,
President.

NEW AMSTERDAM GAS COMPANY,
By
G. W. DOANE,
Vice-President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,
By
W. G. HOYT,
Vice-President.

THE NEW YORK MUTUAL GAS LIGHT COMPANY,
By
R. M. GALLAWAY,
President.

CENTRAL UNION GAS COMPANY,
By
W. H. BRADLEY,
Vice-President.

NORTHERN UNION GAS COMPANY,
By
G. W. DOANE,
President.

THE NEW YORK EDISON COMPANY,
By
NICHOLAS F. BRADY,
Vice-President.

THE UNITED ELECTRIC LIGHT & POWER COMPANY,
By
H. E. GAWTRY,
President.

EDISON ELECTRIC ILLUMINATING COMPANY OF BROOKLYN,
By
E. A. LESLIE,
2d Vice-President.

THE BRUSH ELECTRIC ILLUMINATING COMPANY OF NEW YORK,
By
GEORGE H. CHURCH,
President.

NEW YORK, October 6, 1903

The undersigned, being all the parties of the first part to the Insurance Agreement between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry and others, Trustees, dated September 15, 1902, hereby consent that The Astoria Light, Heat and Power Company may become a party of the first part to the

said Agreement, upon executing the same and complying with its provisions.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
H. E. GAWTRY,
President.

NEW AMSTERDAM GAS COMPANY,
By
G. W. DOANE,
Vice-President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,
By
W. G. HOYT,
Vice-President.

THE NEW YORK MUTUAL GAS LIGHT COMPANY,
By
R. M. GALLAWAY,
President.

CENTRAL UNION GAS COMPANY,
By
W. H. BRADLEY,
Vice-President.

NORTHERN UNION GAS COMPANY,
By
G. W. DOANE,
President.

THE NEW YORK EDISON COMPANY,
By
N. F. BRADY,
Vice-President.

THE UNITED ELECTRIC LIGHT & POWER COMPANY,
By
H. E. GAWTRY,
President.

EDISON ELECTRIC ILLUMINATING COMPANY OF BROOKLYN,
By
E. A. LESLIE,
2d Vice-President.

THE BRUSH ELECTRIC ILLUMINATING COMPANY, OF NEW YORK,
By
GEO. H. CHURCH,
President.

New York, September 10, 1904.

The undersigned, being all the parties of the first part to the Insurance Agreement between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry and others, Trustees, dated September 15, 1902, hereby consent that the Westchester Lighting Company may become a party of the first part to the said Agreement, upon executing the same and complying with its provisions.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
LEWIS B. GAWTRY,
Vice-President.

NEW AMSTERDAM GAS COMPANY,
By
G. W. DOANE,
Vice-President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,
By
W. G. HOYT,
Vice-President.

THE NEW YORK MUTUAL GAS LIGHT COMPANY,
By
R. M. GALLAWAY,
President.

CENTRAL UNION GAS COMPANY,
By
CHAS. G. FRANCKLYN,
Vice-President.

NORTHERN UNION GAS COMPANY,
By
G. W. DOANE,
President.

THE NEW YORK EDISON COMPANY,
By
NICHOLAS F. BRADY,
Vice-President.

THE UNITED ELECTRIC LIGHT & POWER COMPANY,
By
W. R. ADDICKS,
President.

EDISON ELECTRIC ILLUMINATING COMPANY OF BROOKLYN,
By
E. A. LESLIE,
2d Vice-President.

THE BRUSH ELECTRIC ILLUMINATING COMPANY,
By
GEO. H. CHURCH,
President.

THE KINGS COUNTY ELECTRIC LIGHT AND POWER COMPANY,
By
E. A. LESLIE,
2d Vice-President.

THE YONKERS ELECTRIC LIGHT & POWER COMPANY,
By
NICHOLAS F. BRADY,
Vice-President.

NATIONAL COKE AND COAL COMPANY,
By
G. W. DOANE,
President.

MUNICIPAL LIGHTING COMPANY,
By
W. R. ADDICKS,
Vice-President.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY,
By
HARRISON E. GAWTRY,
Vice-President.

Waiver.

Whereas, under the Agreement made the fifteenth day of September, 1902, between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry, Anthony N. Brady and James Jourdan, as Trustees, parties of the second part, it is provided by Article Seven that in case of a loss to any of the parties of the first part the extent of the loss shall be determined by the Insurance Agent, who shall file with the Trustees a certificate showing the amount thereof, and that a copy of such certificate shall be mailed by the Trustees to each of the parties of the first part; and

Whereas, it is desirable to waive this requirement when the loss sustained is less than one thousand dollars.

Now, therefore, it is mutually agreed that in the event of any loss not exceeding the sum of one thousand dollars, the Trustees shall not be obliged to forward to the parties of the first part a copy of the Agent's certificate showing the amount of such loss, but the Trustees may, upon the approval of one of their number, or upon the approval of their Secretary, pay

such loss as determined by the Agent and agreed to by the party of the first part sustaining such loss, without notice to the other parties of the first part.

In witness whereof, the parties of the first part have caused this waiver to be signed by their respective Presidents this 25th day of February, 1905.

CONSOLIDATED GAS COMPANY OF NEW YORK,

By

LEWIS B. GAWTRY,

Vice-President.

NEW AMSTERDAM GAS COMPANY,

By

G. W. DOANE,

Vice-President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,

By

W. G. HOYT,

Vice-President.

NEW YORK MUTUAL GAS LIGHT COMPANY,

By

R. M. GALLAWAY,

President.

CENTRAL UNION GAS COMPANY,

By

CHAS. G. FRANCKLYN,

Vice-President.

NORTHERN UNION GAS COMPANY,

By

G. W. DOANE,

President.

THE NEW YORK EDISON COMPANY,

By

N. F. BRADY,

Vice-President.

THE UNITED ELECTRIC LIGHT & POWER COMPANY,

By

W. R. ADDICKS,

President.

THE BRUSH ELECTRIC ILLUMINATING COMPANY OF NEW YORK,

By

GEO. H. CHURCH,

President.

EDISON ELECTRIC ILLUMINATING COMPANY OF BROOKLYN,

By

E. A. LESLIE,

Vice-President.

KINGS COUNTY ELECTRIC LIGHT & POWER COMPANY,

By

E. A. LESLIE,

Vice-President.

YONKERS ELECTRIC LIGHT AND POWER COMPANY,

By

N. F. BRADY,

Vice-President.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY,

By

HORACE W. FULLER,

President.

MUNICIPAL LIGHTING COMPANY,

By

W. R. ADDICKS,

Vice-President.

NATIONAL COKE AND COAL COMPANY,

By

G. W. DOANE,

President.

WESTCHESTER LIGHTING COMPANY,

By

F. A. STRATTON,

President.

Approved:

ANTHONY N. BRADY,
JAMES JOURDAN,
H. E. GAWTRY,

Trustees.

March 25th, 1909.

This is to certify that at a Stated Meeting of the Board of Trustees of the Consolidated Gas Company of New York, held on the 25th day of March, 1909, Hon. George B. Cortelyou was elected a member of the Board and President of the Company.

In witness whereof, I have hereunto set my hand this 26th day of March, 1909.

R. A. CARTER,

Secretary.

March 25th, 1909.

Trustees:

GEORGE B. CORTELYOU,
HARRISON E. GAWTRY,
ANTHONY N. BRADY,
JAMES JOURDAN.

NEW YORK, October 4th, 1909.

We, the undersigned, being all the parties of the first part to the Insurance Agreement between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry and others, Trustees, dated September 15th, 1902, hereby consent that the Northern Westchester Lighting Company and the Peekskill Lighting and Railroad Company may become parties of the first part to the said Agreement upon executing the same and complying with its provisions.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
W. R. ADDICKS,
Vice-President.

NEW AMSTERDAM GAS COMPANY,
By
G. W. DOANE,
President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,
By
W. G. HOYT,
President.

NEW YORK MUTUAL GAS LIGHT COMPANY,
By
R. M. GALLAWAY,
President.

CENTRAL UNION GAS COMPANY,
By
CHAS. G. FRANCKLYN,
President.

NORTHERN UNION GAS COMPANY,
By
G. W. DOANE,
President.

THE NEW YORK EDISON COMPANY,
By
N. F. BRADY,
Vice-President.

THE UNITED ELECTRIC LIGHT AND POWER COMPANY,
By
W. R. ADDICKS,
President.

THE BRUSH ELECTRIC ILLUMINATING CO. OF N. Y.,
By
GEO. H. CHURCH,
President.

EDISON ELECTRIC ILLUMINATING CO. OF BROOKLYN,
By
W. W. FREEMAN,
Vice-President.

KINGS COUNTY ELECTRIC LIGHT & POWER COMPANY,
By
W. W. FREEMAN,
Vice-President.

YONKERS ELECTRIC LIGHT AND POWER COMPANY,
By
THOMAS E. MURRAY,
Vice-President.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY,
By
HORACE W. FULLER,
President.

MUNICIPAL LIGHTING COMPANY,
By
W. R. ADDICKS,
President.

NATIONAL COKE AND COAL COMPANY,
By
G. W. DOANE,
President.

WESTCHESTER LIGHTING COMPANY,
By
F. A. STRATTON,
President.

November 1, 1910.

GENERAL JAMES JOURDAN

General James Jourdan died November 1st, 1910, leaving the following surviving Trustees under the Insurance Agreement of September 15, 1902.

GEORGE B. CORTELYOU,
HARRISON E. GAWTRY,
ANTHONY N. BRADY.

July 22, 1913.

MR. ANTHONY N. BRADY

Mr. Anthony N. Brady died July 22, 1913, leaving the following surviving Trustees under the Insurance Agreement of Sept. 15, 1902:

HARRISON E. GAWTRY,
GEORGE B. CORTELYOU.

Whereas, on August 12, 1913, the Executive Committee of the Consolidated Gas Company of New York adopted the following preamble and resolution:

"Whereas, under an Insurance Agreement between the Consolidated Gas Company of New York and other Companies and Harrison E. Gawtry, Anthony N. Brady and James Jourdan, as Trustees, bearing date of September 15, 1902, under Section XVII, it is provided that the Executive Committee of this Company may fill any vacancies in the number of said Trustees or appoint additional Trustees.

Upon motion, duly seconded, it was

Resolved, That Messrs. John W. Sterling and Nicholas F. Brady be, and they hereby are, appointed Trustees under said Agreement to fill the vacancies caused by the deaths of James Jourdan and Anthony N. Brady."

Now, Therefore, the said Consolidated Gas Company, by virtue of the power of appointment in the said Insurance Agreement contained and in pursuance of the aforesaid Resolution, does hereby appoint John W. Sterling and Nicholas F. Brady Trustees under the said Agreement in place of James Jourdan and Anthony N. Brady, deceased.

In witness whereof, the said Consolidated Gas Company of New York has caused these presents to be signed in its name by its President, and its corporate seal to be hereto affixed, attested by its Secretary this 23d day of September, 1913.

CONSOLIDATED GAS COMPANY OF NEW YORK,

By

(SEAL) GEO. B. CORTELYOU,
President.

Attest:

R. A. CARTER,
Secretary.

STATE OF NEW YORK, *County of New York.*

On this 23rd day of September, 1913, before me personally came Geo. B. Cortelyou, who, being by me duly sworn, did depose and say that he resided in New York; that he is the President of the Consolidated Gas Company of New York, the corporation described in and which executed the foregoing instrument; that he knew the seal of the said corporation; that the seal affixed to the said instrument was such corporate seal and was so affixed by authority of the Board of Trustees of the said corporation, and that he signed his name thereto by like authority.

WALLACE YOUNG,
Notary Public, No. 6, County of New York.
R. O. 4006.

(SEAL)

We hereby accept the foregoing appointment.

JOHN W. STERLING (SEAL)
NICHOLAS F. BRADY (SEAL)

STATE OF NEW YORK, *County of New York.*

On this 14th day of October, 1913, before me personally came John W. Sterling and Nicholas F. Brady, to me known and known to me to be the individuals described in and who executed the foregoing instrument, and severally acknowledged to me that they executed the same.

WALLACE YOUNG,
Notary Public, No. 6, County of New York,
(SEAL) R. O. 4006.

NEW YORK, August 15, 1913.

We, the undersigned, being all the parties of the first part to the Insurance Agreement between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry and others, Trustees, dated September 15, 1902, hereby consent that the New York and Queens Gas Company and the New York and Queens Electric Light and Power Company may become parties of the first part to the said Agreement upon executing the same and complying with its provisions.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
G. B. CORTELYOU,
President.

NEW AMSTERDAM GAS COMPANY,
By
G. W. DOANE,
President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,
By
BENJ. WHITELEY,
Vice-President.

NEW YORK MUTUAL GAS LIGHT COMPANY,
By
R. M. GALLAWAY,
President.

CENTRAL UNION GAS COMPANY,
By
BENJ. WHITELEY,
Vice-President.

NORTHERN UNION GAS COMPANY,
By
G. W. DOANE,
President.

THE NEW YORK EDISON COMPANY,
By
N. F. BRADY,
President.

THE UNITED ELECTRIC LIGHT & POWER COMPANY,

By N. F. BRADY,

President.

THE BRUSH ELECTRIC ILLUMINATING CO. OF N. Y.,

By GEO. H. CHURCH,

President.

EDISON ELECTRIC ILLUMINATING CO. OF BROOKLYN,

By W. F. WELLS,

Vice-President.

KINGS COUNTY ELECTRIC LIGHT & POWER COMPANY,

By W. F. WELLS,

Vice-President.

YONKERS ELECTRIC LIGHT AND POWER COMPANY,

By THOMAS E. MURRAY,

President.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY,

By W. H. BRADLEY,

Vice-President.

MUNICIPAL LIGHTING COMPANY,

By H. B. McLEAN,

Vice-President.

NATIONAL COKE AND COAL COMPANY,

By G. W. DOANE,

President.

WESTCHESTER LIGHTING COMPANY,

By W. J. CLARK,

Vice-President.

NORTHERN WESTCHESTER LIGHTING, COMPANY,

By STUART WILDER,

Vice-President.

PEEKSKILL LIGHTING AND RAILROAD COMPANY,

By

STUART WILDER,

Vice-President.

Whereas, the Municipal Lighting Company, one of the parties of the first part to the Insurance Agreement made and entered into by and between the Consolidated Gas Company of New York and others, parties of the first part, and Harrison E. Gawtry and others, Trustees, parties of the second part, dated September 15, 1902, has been dissolved, and the Municipal Lighting Company, Inc., a corporation organized and existing under and by virtue of the laws of the State of New York, has acquired all its business, property and assets and assumed its liabilities;

Now, therefore, we, the undersigned, being all the parties to the said agreement, do hereby consent that the said Municipal Lighting Company, Inc., become one of the parties of the first part to the said agreement upon executing the same and complying with its provisions.

New York, June 10, 1915.

CONSOLIDATED GAS COMPANY OF NEW YORK,

By

G. B. CORTELYOU,

President.

NEW AMSTERDAM GAS COMPANY,

By

G. W. DOANE,

President.

EDISON ELECTRIC ILLUMINATING CO. OF BROOKLYN,

By

W. F. WELLS,

Vice-President.

THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK,

By

W. G. HOYT,

President.

NEW YORK MUTUAL GAS LIGHT COMPANY,

By

R. M. GALLAWAY,

President.

CENTRAL UNION GAS COMPANY,

By

W. H. BRADLEY,

President.

NORTHERN UNION GAS COMPANY,
By
G. W. DOANE,
President.

THE NEW YORK EDISON COMPANY,
By
THOMAS E. MURRAY,
Vice-President.

THE UNITED ELECTRIC LIGHT & POWER COMPANY,
By
FRANK W. SMITH,
Vice-President.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY,
By
W. H. BRADLEY,
President.

THE BRUSH ELECTRIC ILLUMINATING COMPANY OF NEW YORK,
By
GEO. H. CHURCH,
President.

NORTHERN WESTCHESTER LIGHTING COMPANY,
By
F. A. STRATTON,
President.

NATIONAL COKE AND COAL COMPANY,
By
G. W. DOANE,
President.

PEEKSKILL LIGHTING AND RAILROAD COMPANY,
By
F. A. STRATTON,
President.

WESTCHESTER LIGHTING COMPANY,
By
F. A. STRATTON,
President.

THE YONKERS ELECTRIC LIGHT AND POWER COMPANY,
By
THOMAS E. MURRAY,
President.

NEW YORK AND QUEENS GAS COMPANY,
By
L. B. GAWTRY,
Vice-President.

NEW YORK AND QUEENS ELECTRIC LIGHT AND POWER COMPANY,
By
C. G. M. THOMAS,
President.

KINGS COUNTY ELECTRIC LIGHT & POWER COMPANY,
By
W. F. WELLS,
Vice-President.

H. E. GAWTRY,
By L. B. GAWTRY, Atty.,
GEO. B. CORTELYOU,
JOHN W. STERLING,
N. F. BRADY,
Trustees.

STATE OF NEW YORK, *County of New York,*

On this 7th day of July, 1915, before me personally came W. Greeley Hoyt, to me known, who, being by me duly sworn, did depose and say that he resides in Garden City, New York; that he is the President of the Municipal Lighting Company, Inc., one of the corporations described in and which executed the foregoing instrument; that he knew the corporate seal of the said corporation; that the seal affixed to the said instrument was such corporate seal; that it was so affixed by authority conferred by the Board of Directors of the said corporation, and that he signed his name thereto by the like authority.

WM. F. O'BRIEN,
(NOTARIAL SEAL) *Notary Public, Bronx Co.*
Clerk's No. 19.
Certificate filed in N. Y. Co.
Register's No. 6052.
July 5, 1918

MR. JOHN W. STERLING

Mr. John W. Sterling died July 5, 1918, leaving the following surviving Trustees under the Insurance Agreement of September 15, 1902:

HARRISON E. GAWTRY,
GEORGE B. CORTELYOU,
NICHOLAS F. BRADY.

Whereas, on August 6, 1918, the Executive Committee of the Consolidated Gas Company of New York adopted the following preamble and resolution:

"Whereas, under an Insurance Agreement between the Consolidated Gas Company of New York and other Companies, and Harrison E. Gawtry, Anthony N. Brady and James Jourdan, as Trustees, bearing date of September 15, 1902, under Section XVII, it is provided that the Executive Committee of this Company may fill any vacancies in the number of said Trustees or appoint additional Trustees.

Upon motion, duly seconded, it was

Resolved, That John A. Garver be and he hereby is appointed Trustee under said Agreement to fill the vacancy caused by the death of John W. Sterling."

Now, therefore, the said Consolidated Gas Company, by virtue of the power of appointment in the said Insurance Agreement contained and in pursuance of the aforesaid Resolution, does hereby appoint John A. Garver Trustee under the said Agreement in place of John W. Sterling, Deceased.

In witness whereof, the said Consolidated Gas Company of New York has caused these presents to be signed in its name by its President, and its corporate seal to be hereto affixed, attested by its Secretary this 7th day of August, 1918.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By
GEO. B. CORTELYOU,
President.

(SEAL)

Attest:
H. M. BRUNDAGE,
Asst. Secretary.

January 29, 1919.

MR. HARRISON E. GAWTRY

Mr. Harrison E. Gawtry died January 29, 1919, leaving the following surviving Trustees under the Insurance Agreement of Sept. 15, 1902:

GEORGE B. CORTELYOU,
NICHOLAS F. BRADY,
JOHN A. GARVER.

July 1, 1919.

Parties of the first part are:

CONSOLIDATED GAS COMPANY OF NEW YORK
NEW AMSTERDAM GAS COMPANY
BROOKLYN EDISON COMPANY, INC.
THE STANDARD GAS LIGHT COMPANY OF THE CITY OF NEW YORK
THE NEW YORK MUTUAL GAS LIGHT COMPANY
CENTRAL UNION GAS COMPANY
NORTHERN UNION GAS COMPANY
THE NEW YORK EDISON COMPANY
THE UNITED ELECTRIC LIGHT AND POWER COMPANY
THE ASTORIA LIGHT, HEAT AND POWER COMPANY
THE BRUSH ELECTRIC ILLUMINATING COMPANY OF NEW YORK
NORTHERN WESTCHESTER LIGHTING COMPANY
NATIONAL COKE AND COAL COMPANY
PEEKSKILL LIGHTING AND RAILROAD COMPANY
WESTCHESTER LIGHTING COMPANY
THE YONKERS ELECTRIC LIGHT AND POWER COMPANY
NEW YORK AND QUEENS GAS COMPANY
NEW YORK AND QUEENS ELECTRIC LIGHT AND POWER COMPANY
MUNICIPAL LIGHTING COMPANY, INC.

Parties of the second part are:
GEORGE B. CORTELYOU
NICHOLAS F. BRADY
JOHN A. GARVER
Trustees

COMPLAINANT'S EXHIBIT 409 FOR IDENTIFICATION

[redacted].

CONSOLIDATED GAS COMPANY OF NEW YORK

	Investment in Land, Plant and Equipment, Jan'y 1, 1919, devoted to the production and sale of the gas sold by the Consolidated Gas Co.	Interest on Investment		Per thousand cu. ft. of gas sold during 12 mos. ending Oct. 31, 1919	
		7 per cent. per annum	8 per cent. per annum	7 pr cent.	8 pr cent.
Consolidated Gas Co.	$60,554,333.44	$4,238,803.34	$4,844,346.68	23.13	26.44
Astoria Light, Ht. & P. Co.	17,000,000.00	1,190,000.00	1,360,000.00	6.50	7.42
Standard Gas Co.	46,153.84	3,230.77	3,692.31	0.02	0.02
N. Y. Mutual Gas Lt. Co.	2,198,377.35	153,886.41	175,870.18	0.84	0.96
Joint Facilities	3,976,085.10	278,325.96	318,086.81	1.52	1.74
	$83,774,949.73	$5,864,246.48	$6,701,995.98	32.01	36.58

Sales cubic feet—12 months to Oct. 31, 1919—18, 321, 589,800

COMPLAINANT'S EXHIBIT 410.

The following resolution was presented and on motion adopted:

Resolved that the Public Service Commission for the First District adopt an order in the form herewith presented in Case No. 1717 consenting to the execution and issuance of a certain mortgage by the Astoria Light, Heat and Power Company to The Farmers Loan and Trust Company as Trustee, dated as of October 1, 1913, to secure an issue of $5,000,000 face value of first mortgage fifty year 5-½ per cent. gold coupon bonds of said Astoria Light, Heat and Power Company, said bonds to be dated October 1, 1913, maturing October 1, 1963, and bearing interest at 5-½ per cent. per annum, payable semi-annually, said mortgage being in form submitted by said Astoria Light, Heat and Power Company to the Commission and identified by being marked as follows, to wit: "Exhibit 1 resolution May 4, 1914, Case 1717."

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT
by TRAVIS H. WHITNEY,
Secretary.

At an Adjourned Meeting of the Public Service Commission for the First District, duly held at its office, No. 154 Nassau Street, in the Borough of Manhattan, City and State of New York, on the 4th day of May, 1914.

Present Edward E. McCall, Chairman; Milo R. Maltbie, John E. Eustis, J. Sergent Cram, George V. S. Williams, Commissioners.

In the Matter of the Application of the Astoria Light, Heat and Power Company under Section 69 of the Public Service Commissions Law for an order authorizing the issuance of $5,000,000 first mortgage fifty-year 5½% gold coupon bonds and $9,500,000 additional common capital stock for the purposes therein.

Case No. 1717—*Order Consenting to Mortgage; To Issuance of* $5,000,000 *Bonds Thereunder; To Issuance of*

Section 1. Application having been made to the Public Service Commission for the First District by the Astoria Light, Heat and Power Company by its petition verified July 31, 1913, under the provisions of the Public Service Commissions Law for the consent of the Commission to the execution and issuance by said Company of a mortgage to

the Farmers Loan & Trust Company as trustee, and a hearing having been duly held on said application before the Commission, Honorable George V. S. Williams, Commissioner, and Honorable Milo R. Maltbie, Commissioner, presiding, and it appearing to the Commission that the owners of capital stock of said Company to an amount equal to that required by the Statute have consented to the issuance of said mortgage in the manner prescribed by law.

Section 2. IT IS ORDERED that the Public Service Commission for the First District does hereby consent to the issuance and execution by the said Astoria Light, Heat and Power Company of a certain mortgage described as follows:

A first mortgage securing Five Million Dollars ($5,000,000) face value of first mortgage fifty-year five and one-half per cent. gold coupon bonds made and executed by the Astoria Light, Heat and Power Company to the Farmers Loan and Trust Company as trustee, said mortgage to be dated October 1, 1913, and the said bonds to be dated on the same date and to be payable October 1, 1963, and said bonds to bear interest payable semi-annually at five and one-half per cent. per annum.

The form of such mortgage submitted by the Astoria Light, Heat and Power Company to the Commission is hereby approved and ordered filed and properly identified by a reference thereon to the resolution under the authority of which this order is issued. Said Company, however, shall have no right or authority to issue any bonds pursuant to the terms of said mortgage except as may be herein or hereafter authorized by the Commission.

Section 3. Application having been also made to the Public Service Commission for the First District by the Astoria Light, Heat and Power Company by its said petition under the provisions of the Public Service Commissions Law for the consent of the Commission to the issuance by said Company of bonds under said mortgage to the amount face value of Five Million ($5,000,000) and for the consent of the Commission to the issuance by said Company of common capital stock to the amount of Nine million five hundred thousand Dollars ($9,500,000) par value, and the Consolidated Gas Company of New York having made application by its petition verified December 24, 1913, for an order authorizing the said Consolidated Gas Company to purchase the said entire issue of said stock and bonds, and a hearing having been duly had upon said applications before the Commission, the Commissioners aforesaid presiding, and it appearing to the Commission that the authorized capital stock of the said Astoria Light, Heat and Power Company has been duly increased from Five hundred thou-

sand Dollars ($500,000) to Ten million Dollars ($10,000,000), of which Five hundred thousand Dollars ($500,000) par value have been issued and are outstanding; and it being now the opinion of the Commission.

(1) That the money to be procured by the issue of said bonds of the said Astoria Light, Heat and Power Company to the amount of Five million dollars ($500,000) face value payable at a period of more than twelve months after the date thereof, and that the money to be procured by the issue of said further issue of stock by said Company to the amount of Nine million five hundred thousand dollars ($9,500,000), is reasonably required for the discharge or lawful refunding of the obligations of said Company, and particularly for the purposes which are hereinafter stated in this order, and

(2) That said purposes are not in whole or in part reasonably chargeable to operating expense or to income.

Section 4. It is ordered that the Public Service Commission for the First District does hereby authorize the issue by the said Astoria Light, Heat and Power Company of Five million Dollars ($5,000,000) face value of principal of bonds of said Company dated October 1, 1913, maturing October 1, 1963, and bearing interest at five and one-half per cent. per annum, payable semi-annually under and in pursuance of the terms of the mortgage hereby approved, to be made and executed by the said Astoria Light, Heat and Power Company to the Farmers Loan and Trust Company, as trustee, and that the Public Service Commission for the First District does hereby authorize the issue by the Astoria Light, Heat and Power Company of Nine million five hundred thousand dollars ($9,500,000) par value of capital stock of the said Company; that all the said stock hereby authorized shall be common stock of said Company to be issued for money.

Section 5. It is ordered that the Consolidated Gas Company of New York be, and it hereby is authorized to purchase, acquire, take and hold the said Five million dollars ($5,000,000) face value of bonds of the Astoria, Light, Heat and Power Company hereby authorized to be issued as aforesaid and the said Nine million five hundred thousand Dollars ($9,500,000) par value of common capital stock of the said Astoria Light, Heat and Power Company hereby authorized to be issued as aforesaid.

Section 6. It is ordered that said issue of bonds and stock by said Astoria Light, Heat and Power Company and the said acquisition thereof by said Consolidated Gas Company of New York are authorized upon the conditions following and not otherwise, to wit:

First—That the said Astoria Light, Heat and Power Company shall sell the said bonds hereby authorized so as to net

the said company not less than the par value of the principal thereof besides interest accrued thereon, and that the proceeds thereof shall be applied only to the following purposes, that is to say:

Toward the discharge or refunding of the principal of the present outstanding first mortgage bonds of the Astoria Light, Heat and Power Company amounting in all to $375,000, owned by the Consolidated Gas Company of New York	$300,000	
Toward the discharge or refunding of the principal of the demand notes of the Astoria Light, Heat and Power Company held by the Consolidated Gas Company of New York numbered from 1 to 160 inclusive, bearing dates and for amounts as shown by Exhibit 5 presented by said Astoria Company and filed at the said hearing and aggregating the amount of $14,307,301.79 as the principal thereof	$4,700,000	
		$5,000,000

Second—That the said Astoria Light, Heat and Power Company shall sell the said stock hereby authorized for cash at not less than the par or face value thereof and that the proceeds thereof shall be applied only to the following purposes, that is to say:

Toward the discharge or refunding of the principal of the said demand notes of the Astoria Light, Heat and Power Company held by the Consolidated Gas Company of New York and described in said exhibit as aforesaid	$9,500,000

Third—That the said Astoria Light, Heat and Power Company shall keep separate, true and accurate accounts showing the receipt and application in detail of the proceeds of the sale or disposal of the stock and bonds hereby authorized to be issued and on or before the tenth day of each month the Company shall make verified reports to the Commission stating the sale or sales of said stock or bonds during the previous month, and terms and conditions of sale, the moneys realized therefrom, and the use and application of such moneys; and said accounts, vouchers and records shall be open to audit and may be audited from time to time by accountants and examiners designated for such purpose by the Commission.

Fourth—That the authority hereby given to issue such bonds

and stock shall apply only to bonds or stock issued by the said Company on or before the 30th day of June, 1914.

Fifth—That a duplicate original of the mortgage consented to and authorized as aforesaid upon execution thereof be filed by the petitioner with the Secretary of this Commission.

Section 7. IT IS ORDERED that this order take effect the 4th day of May, 1914, and except as provided in the fourth paragraph of Section 6 of this order limiting the duration of the authority to issue such stock and bonds herein granted, continue in force until otherwise ordered by the Commission and that within ten days after service upon it of a copy of this order said Astoria Light, Heat and Power Company and said Consolidated Gas Company of New York notify the Commission whether the terms of this order are accepted and will be obeyed.

By the Commission

Secretary.

COMPLAINANT'S EXHIBIT 411.

Opinions.

State of New York, Public Service Commission for the First District.

In the Matter of the Application of the ASTORIA LIGHT, HEAT & POWER COMPANY under Section 69 of the Public Service Commissions Law for an order authorizing the issuance of $5,000,000 first mortgage fifty-year 5½% gold coupon bonds and $9,500,000 additional common capital stock for the purposes therein specified.

Williams, Commissioner:

By this application The Astoria Light, Heat and Power Company asks to issue $9,500,000 in additional common stock and $5,000,000 in 5½% first mortgage fifty-year bonds, for the purpose of retiring $375,000 in outstanding bonds, at eight per cent. of their par value, and taking up notes held by the Consolidated Gas Company amounting to $14,200,000, bearing interest at six per cent.

The Astoria Company was incorporated under the Laws of the State of New York in January, 1899, with an authorized capital of $500,000, all of which has been issued. In February of the same year the Company executed a mortgage to the Union Trust Company of New York to secure $500,000 par value of bonds, of which $375,000 above mentioned have been issued and are now outstanding. All stock and bonds ($875,000) are now owned by the Consolidated Gas Company of New York.

As to the refunding of the $375,000 of bonds there can be no question, that being necessary in order to make the new issue a first lien, but the Commission should be satisfied that the moneys realized from the notes, as well as the bonds held by the Consolidated Gas Company, were actually expended for that which is properly chargeable to capital account; and although this fact was testified to by the applicant's witnesses, and is uncontradicted on the record, the Commission's engineers were asked to investigate these expenditures, and have investigated and checked some 70%, taken at random, selection having been made without any suggestion from the company's officials, of those vouchers containing the essential items, and a close inspection made.

As a result, it was testified that each item was found to be a "reasonable charge for the property services or labor received or performed.

Each item is required for the present or immediate supply of gas.

Each item is a distinct addition or betterment to the property of the Company, and not a renewal, repair or maintenance charge."

In addition, it was testified that the withdrawal items were also checked, and it was found in every case the installed cost of the items removed had been credited to capital and that the accrued depreciation had been amply taken care of by the setting aside of the amount of $1,432,000 by the Company to cover that item.

With this check upon the evidence of the applicant that the money received from the notes and bonds had been expended upon capital account, it seems to me useless to go into every little voucher in order to make up the full 100% of the amount. I am satisfied that the amounts represented by the bonds and stocks asked for have been expended upon capital account. The only remaining question is as to the rate of interest upon the $5,000,000 of bonds.

Interest is now being paid upon $375,000 at the rate of 5% per annum, and upon $14,200,000 at the rate of 6% per annum. Of this latter amount $9,500,000 is to be converted into stock which will bear no interest of course, and thereby work a large saving as regards fixed charges. Another fact that must be taken into consideration in fixing the interest is that the bonds are taken by the Consolidated Company at par. No bankers' commissions or discounts, which are generally found in bond issues, are present here, and this, coupled with the present condition of the bond market, which is well known, leads me to the opinion that 5½% is a reasonable rate of interest.

The application should be granted.

McCall, Chairman:

Proposed Examination of Every Item.

If it were true that the Commission must investigate every single item of the expenditures, it should have made up its mind to do so long ago. The Engineer submitted his report on the 13th of September, showing that he had examined 75% of the items at random and had not found a single error. That, very properly, satisfied the Commission then; and nothing whatever has occurred to raise any suspicion that the facts are not exactly as set forth in the petition, that the expenditures were made and that they were reasonable and necessary. It would be most unjust, after this protracted delay, to subject the Company to further delay merely on the possibility that some error might be found if every single item were subjected to careful scrutiny.

But even if it were not now too late to make the examination of each individual item, it would be folly for the Commission to commit itself to any such practice. It would mean such delay upon every application as would speedily become intolerable. It would also impose an unreasonable burden upon the Companies which have to call their employees from their regular duties to assist the engineers and accountants and inspectors sent out by the Commission. In reference to illustrations set forth in memorandum of Commissioner Maltbie, while the character of a log as to its soundness may perhaps not be determined by sawing it through the middle, yet its character could certainly be ascertained if it were cut into seventy-five pieces; and it is not necessary to examine each drop of the Hudson River for the purpose of ascertaining whether it is fresh or salt.

The power of the Commission to pass upon the question whether the expenditures made for construction and betterments were reasonable or necessary and form a proper basis for permanent capitalization is one that should be reasonably exercised, without undue interference with the judgment of the Board of Directors. In the present proceeding there is no evidence that the directors failed in the discharge of their statutory duty; on the contrary, the evidence amply justifies their judgment.

The Rate of Interest.

It is difficult to understand how any serious objection can be made to the issue of a 5½% bond to retire a 6% obligation. When the New Haven Railroad, with its high credit and enormous resources, proposes to make an issue of debentures, which will have a world-wide market, at the rate of 6%, when many of the prosperous railroads of the country are putting out short time notes at 6% and paying bankers' commissions in

addition, when some of the New York State Bonds (free of all taxes) sell on a basis approaching 4½%, and when English Consols sell at the lowest rate in their history, it is idle to ignore the existing conditions of credit and to attempt to determine a business question upon conditions that existed several years ago or upon theories as to the possible effect of such a bond at some future time, when perhaps conditions may again change.

The present conditions have existed now for several years; and it is no objection to an application of this kind that the Gas Companies, a number of years ago, were able to negotiate 5% bonds. That certainly does not prove that they could do so today. Ten years ago, railroad companies were retiring prior issues by issuing consolidated 4% Bonds; and that rate was then regarded as likely to be permanent. But those Bonds, which sold around par at that time and many of them at a considerable premium, and which had all the elements of a first-class investment, have declined 10 or 15 points during the past few years, owing to the general advance in the rate of interest.

A few examples showing the basis o n which first-class bonds are now selling give point to this statement.

Northern Pacific-Great Northern (C. B. & Q.) Joint 4% Bonds have been selling upon a 5% basis, with a very wide market.

Indiana Steel 5% First Mortgage Bonds, guaranteed by the U. S. Steel Corporation, are selling at about 87½.

The following bonds are selling at prices which yield the buyer the given rates of return:

California Gas & El. 5's	5.47	per cent
Consolidated Gas & El. Lt. & Power Co. of Baltimore, 4½'s	5 ½	"
Denver Gas & El. 5's	5 ½	"
Indianapolis Gas 5's	5.85	"
Michigan City Gas & El. 5's	5.65	"
Indiana Lighting Co. 1st Mtge. 4's	6	"
Northern Westchester Lighting Co. 5's	5 ½	"
Springfield, Ohio, Light, Heat & Power Co. 5's	5.72	"
Interboro Rapid Transit Co. 5's	5.37½	"
Burlington, Iowa, First 5's	5.43	"

All of the above Companies and innumerable others that might be mentioned, in order to realize par for securities issued now, would have to issue securities bearing the rate of interest, which buyers in the present market are able to earn upon their other outstanding securities.

It should be borne in mind that the Astoria Company is at a great disadvantage, compared with Public Service corporations generally, in not actively exercising its franchise. This

consideration stands at the threshold in determining the value of securities of every Public Service corporation.

Maltbie, Commissioner:

The Astoria Light, Heat and Power Company is a necessary adjunct of the Consolidated Gas Company, for which it serves as a manufacturing department. Incorporated in 1899, it acquired and merged in 1905 the Citizens' Mutual Gas Light Company of Long Island City, which held certain franchises. Under its franchise, it distributes gas to two or three consumers, from whom it collects less than $200 a year. The entire investment in its plant has been made by the Consolidated Gas Company, which uses it as a convenient bookkeeping device. Its present capitalization (June 30, 1913) consists of $500,000 of capital stock, $375,000 of bonds and 160 notes which date from May 12, 1899, to June 19, 1913, and aggregate the sum of $14,307,301.79. According to the testimony of the company's representatives, this capitalization represents a cash investment of only $75,000 less than the face value of the securities, the bonds having been taken by the controlling company for $300,000 cash.

There are two objections to the approval of the company's application: (1) insufficient investigation by the Commission, and (2) the high rate of interest proposed for the bonds.

In the first place, not all of the expenditures have been examined by the Commission's engineers to see that property has been acquired therefor and that the expenditures have been reasonable and necessary. The work of the inspectors was discontinued when they had examined less than three-quarters of the vouchers. How can the Commission on the basis of an examination of part of the expenditures certify, as it is required to do by the P. S. C. Law (Section 69), that all of the expenditures are necessary and reasonable? It has been argued that if a sample or cross-section of the capitalization passes inspection the entire investment may be regarded as sound. But lumbermen often obtain from partly decayed trees cross-sections of considerable size that are perfectly sound. Can it be concluded, from a sample of the water of the Hudson River at its mouth, that the water of the river is also salt water at Troy or Glens Falls? Partial audits are useful and valuable and for some purposes may be sufficient, but they do not satisfy the requirements of the statute any more than a partial count of cash would satisfy an incoming treasurer of the United States when he receipts for the transfer of treasury assets by his predecessor.

Moreover, the verification of the balance sheet items shown in the company's reports to the Commission, could not be satisfactorily carried out by the Commission's accountants owing to

the fact that the construction accounts have not been kept in the form prescribed by the Commission under authority of Law. This is an omission of the company that should be repaired. But taking the balance sheet as given by the company, it appears that by no means all of the proceeds of the notes now to be funded have been expended on property of the company. Since January 1, 1909, the company has borrowed on notes to the Consolidated Gas Co., $4,350,000, whereas the fixed capital installed has been $3,475,580.83. It has, however, advanced $2,821,792.75 to the East River Gas Co. for the construction of the new tunnel under the river. While the company does not propose to capitalize this expenditure directly, it will capitalize some portion thereof indirectly through the allowance to be made for working capital ($657,266.09), which is probably larger than would otherwise be necessary.

One of the gravest objections to the application is the proposal to issue $5,000,000 of 50-year bonds at the unusual and unnecessarily high rate of interest of 5½ per cent. No such proposal has ever before been made to this Commission. No public utility corporations in this jurisdiction have outstanding long-term secured bonds bearing that rate of interest. There are, it is true, a few issues of 6 per cent. bonds; but these bonds are either (unsecured, debentures usually convertible into stock and participating in most of the characteristics of stock; or are securities issued to a holding company, for purely inter-company purposes; or in the two or three cases of a first mortgage bond, are securities *that were issued more than twenty years ago.* None of the mortgage bonds issued by a company now comprised in the Consolidated Gas system in this city bears a higher rate of interest than 5 per cent.; and so far as market quotations are obtainable, not one of these 5 per cent. bonds is now selling below par. A well-known bond that, aside from the rate of interest, closely resembles the Astoria bond, is the 5 per cent. first consolidated mortgage bond of the Brooklyn Union Gas Co., and this bond is selling for more than par. Within the past month a company that has merely begun its construction work (the New York Connecting Railroad Co.) has had authorized by the Commission and sold an issue of $11,000,000 of 4½ per cent bonds at 91-¾, making an effective rate of interestof slightly less than 5 per cent. While this bond was guaranteed by the Pennsylvania and New Haven railroads, its security cannot be said to be greater than that of the Astoria bonds, which represent, according to the company balance sheet, *only one-third* of an investment that is paying substantial dividends to the stockholders of the Consolidated Gas Company. The specific investment in the Astoria plant is credited with 7 per cent interest in the price of gas paid by the Consolidated Gas Co. With so valuable a

property, it is idle to say that 5½ per cent interest must be paid on bonds by the Astoria Company in order that the bonds may be sold at par.

Why, then, should the rate of interest be fixed at 5½ per cent? It must be remembered that these bonds are to be taken by the Consolidated Gas Co. in discharge of its advances. They may then be sold by the Consolidated Co. at a premium, and the profit will at once become available for distribution in dividends. In other words, for the possible purpose of conferring an immediate benefit on present stockholders the Consolidated Co. proposes to impose on the property for the next 50 years an unnecessary and unwarranted fixed charge of at least $25,000 a year, and thereby to secure a possible fund of from $400,000 to $500,000 with which to pay dividends that have not been earned from the manufacture and sale of gas.

One can also easily foresee how approval of the rate of 5½ per cent by the Commission may be made the basis of an argument in future rate cases as to the necessary cost of obtaining money for public service enterprises. If a public utility could cite the commission's approval of a first mortgage bond covering only one-third of the investment in a $15,000,000 plant and nevertheless carrying a 5½ per cent interest charge, it might argue that a fair rate of return on the whole property, including the risk assumed by stockholders, should greatly exceed the 6 per cent that was conceded by the Supreme Court as sufficient in the recent 80-cent case.

However, in my opinion, the Commission cannot properly certify that an issue of $5,000,000 50-year 5½ per cent bonds is reasonably required for the lawful refunding or discharge of obligations amounting to $5,000,000; and the Commission must so certify before the company can issue such bonds (P. S. C. Law, Section 69). If the rate is to be left at 5½ per cent, an amount considerably less than $5,000,000 is necessary. If the rate were made 5 per cent, it is possible $5,000,000 would be necessary.

In my opinion, therefore, the approval of the Commission should not be given until the Commission is assured by investigation of its own engineers that *all*, not merely 70 per cent, of the expenditures are reasonable, necessary and not properly chargeable to income. The Commission should not certify an interest rate of 5½ per cent as reasonable or necessary; or it should reduce the par value of the bonds. In any event, the company should be required to keep its accounts in the form prescribed by the Commission. Uniformity is impossible and state supervision of accounts is a sham unless every company is required to obey the orders of the Commission.

(EUTIS, Commissioner, concurs as to the rate of interest on the bonds, but not as to the further investigation as to value).

COMPLAINANT'S EXHIBIT 412-451

Oil contracts between the Standard Oil Co. of New York and various gas companies operating in the boroughs of Brooklyn, Queens, Bronx and Richmond of the City of New York.

Not printed.

COMPLAINANT'S EXHIBIT 452-456

Letters exchanged between the Queens Borough Gas & Electric Co., the New York & Richmond Gas Co. and the Gulf Refining Co.

Not printed.

COMPLAINANT'S EXHIBET 457

Instructions given by Dr. Maltbie to a photographer named Pullis.

Not printed.

COMPLAINANT'S EXHIBIT 458

Consolidated Gas Company of New York
130 East 15th Street

NEW YORK, July 21, 1917

MR. JAMES B. WALKER, Secretary,
Public Service Commission for the First District,
120 Broadway, New York.

Dear Sir:

In respect of our Annual report for the year ended December 31, 1916, please be advised as follows:

Page 10—Please show the information as called for in each of the various columns. The reference to page 28 fails to give this information, particularly that called for in column (g).

Answer—As stated in our letter of August 17, 1916, "The Company is unwilling to assert, under oath, that it actually controls any of the Companies whose stock it owns, except in the popular sense that such control is supposed to follow from stock ownership; and the exact facts in regard to such ownership are explicity stated in the report on pages 10 and 28".

Page 12—Please show the details called for in the first paragraph about the agreements indicated on page 60, schedule 575, and also those indicated by the purchases and sales of residuals shown on page 69.

Answer—We have amended our report by inserting the following.

The Standard Gas Light Co.			
Use of 62nd St. Boiler and Governor House	annual	charge	$4,107.70
Use of 48" Connecting Main in Manh'n & Bronx	"	"	*574.10
The Astoria Light, Heat & Power Co.			
Use of Land, Bulkhead and Hoisting Apparatus at E. 21st St., E. 11th St. & W. 42nd St. Stations	"	"	*26,000.00
New Amsterdam Gas Co.			
Use of 48" Connecting Main in Manh'n & Bronx	"	"	*24,282.29
Central Union Gas Co.			
Use of 48" Connecting Main in Manh'n & Bronx	"	"	*16,691.42
Use of 30" Transfer Main in Bronx	"	"	*51,298.49
Use of 36" Distributing Main in Bronx	"	"	*35,475.00
Use of Land, Holder and Accessories, Kingsbridge Station	"	"	*60,970.00
Use of small mains in Bronx	"	"	*4,489.44

Coke

National Coke and Coal Co.

The price of coke delivered to them during the year 1916 was $3.492 per chaldron.

Coal Gas Tar

The Barrett Company

A contract dated July 1, 1910—expires July 1, 1920—under which we charge them one-half the average price per gallon received by them for pitch and dead oil during the month of delivery.

Water Gas Tar

The Barrett Company

An agreement dated August 15, 1914, canceled February 29, 1916, under which we charged them 2½c per gallon; containing a provision under which a discount was allowed if the tar contained water in excess of 2%. An agreement dated March 1, 1916, expiring December 31, 1916, under which we charged them 3c per gallon; containing the same provision regarding water in excess of 2%.

Page 18, *lines* 18-22—The book value of these investments should be distributed in accordance with the classes required by the report form.

Answer—We are unable to find in our records any data which would enable us to make any further distribution of the investments referred to than is given in the report.

*In red ink on original.

Page 18, *line* 34—The prescribed account Accrued Amortization of Capital should be credited with appropriate amounts and reported on this line; this will involve transferring from page 19 the amounts applicable to the elements of accrued amortization as defined in the accounting order.

Answer—This Company has never made any provision for the amortization of its capital. Its contention is, and always has been, that such a provision would involve the imposition of an improper charge against the public for the Company's service. No such charge, therefore, has ever been made. There are, therefore, no amounts on page 19 of the report to transfer to page 18, line 34, "applicable to the elements of accrued amortization as defined in the accounting order".

Page 26—*Merchandise and property retired.* Please identify any materials and supplies coming under either of these heads.

Answer—None of the material shown on lines 1-32 inclusive comes under the head of "Property retired from service". The amount reported on line 33 includes such main stock as was taken up and returned to our yards during the year and was still in stock at the close of the year. During the year the value of main stock so taken up and returned was $549.56, as shown on page 27, line 34, column (e).

Page 27, *lines* 34-37, *col.* (*c*)—Please state the number of units of equipment retired.

Answer—The number of units of equipment retired were as follows:

Line 34	Street Mains—	11,660 ft. taken up or abandoned.
" 35	Gas Services—	2,140 removed or abandoned
" 36	Gas Meters—	4,353 condensed or lost
" 37	Gas Appliances—	4,135 condemned and scrapped

Page 27, *cols.* (*h*) *and* (*i*)—The charges for loss on capital retired should be apportioned between Accrued Amortization of Capital and Surplus and entered in these columns. Instead you have entered the entire amount in column (h) and have altered the caption.

Answer—As heretofore stated and for the reasons given, this Company has never made any provision for the amortization of its capital. It has made a provision under the caption of "renewals and replacements" for plant withdrawn from service, based upon the average actual requirements for this purpose during many years of the Company's history. The value of plant withdrawn from service during the year 1916, less any salvage thereon, was properly charged against this account.

Page 27, *bottom of page*—Please indicate the period of service of each unit retired that was installed subsequent to December 31, 1908.

Answer—Below find statement of "period of service" of such

units of plant withdrawn from service during the year 1916 as are determinable.

Line 4—Steam Separator		4	years
" 6—Turbine Blower		5	"
" 10—Elevator Engine, Motors and Belts		7	"
" 16—Autos and Accessories:			
	Car No. 20	3	"
	21	3	"
	27	2	"
	32	2	"
	52	7½	"
" 40—Battery Hoist		4	"
" 41—Skylights and Ventilator		4	"

We inadvertently stated an erroneous title on line 42, column (a). It should have been "Coal Handling Apparatus"—see paster attached to page 23 for identification. Please correct.

It is impossible to determine the date of installation of many units of property retired from service. The division of credits to Fixed Capital between the periods *prior* and *subsequent* to December 31, 1908, is necessarily arbitrary and the requirement of the report form that the Company "indicate hereunder the period of service of each unit retired" is burdensome, unnecessary and, in many cases, impossible of compliance.

Page 28—If the information is not already in respondent's possession, please secure and set out in connection with investments the balance sheet as of December 31, 1916, of (a) the Insurance Participation Trustees, and (b) the Liability Insurance Trustees, showing as to each (c) details of securities held and (d) other assets and debits (specified). Show also the liabilities, if any, of such trustees and reserves and other credit items.

Answer—We have obtained from the Trustees of the Fire Insurance Fund and Liability Insurance Fund the statements requested which are enclosed.

Page 29, *schedule* 338, *lines* 21-25—Please describe the transactions through which these balances arose, and explain any relation between the first item and the entries on page 62, line 37.

Line 22—What relation has this insurance fund to the reserve shown on page 36?

Answer—The amounts reported on lines 21, 22 and 23 represent cash advances. The amount reported on line 24 represents balances due from subway contractors. The amount reported on line 25 represents balances due for residuals sold. The amount $4,086.67 reported on page 62, line 37, is the Interest Revenue on the Employees' Fund reported on page 29, line 21. There is no relation between the Insurance Fund reported on

line 22 of this page and the Insurance Reserve shown on page 36, line 27.

Page 29, *schedule* 340, *line* 25—Of what does this $100,000 deposit consist? Any securities included therein should be reported on pages 16 and 17, lower schedule.

Answer—This deposit consists of $100,000 par value 4¼% Corporate Stock of the City of New York, dated April 15, 1914. We will amend our report by embodying this information in the appropriate schedule on pages 16 and 17.

Page 30 *line* 1, *cols.* (*b*) *and* (*d*)—Please explain why respondent, in its opinion, will not have to secure the Commission's authorization before issuing the $183,500 of stock.

Answer—The respondent is of the opinion that the Commission's authorization to issue $183,500. par value of its Capital Stock is unnecessary for the reason that the par value ($100,000,000.) of Capital Stock reported on line 1, column (b) was duly authorized by law prior to the enactment of the Public Service Commissions Law.

Page 36—Of the depreciation realized on capital retired or withdrawn from service, the portion that has accrued since December 31, 1908, is chargeable to the reserve (No. 374), Accrued amortization of capital. Respondent has failed to make such charge and has also failed to make credits to this reserve for the elements chargeable to General amortization, but has instead set up other reserves "Renewals and Replacements—Plant Withdrawn from Service" and "Contingency Account".

Answer—We note your comments respecting matters referred to on page 36.

Page 38, *schedule* 451.

Page 45, *schedule* 480—Please state what disposition has been made of the Orr and Sembower 3½ h. p. engine and the Rowland 60 h.p. engine, also the Mackenzie exhauster, which were reported by telephone on June 6, 1916, as having been retired, but not disposed of.

Answer—The Orr and Sembower engine has not yet been disposed of. The Rowland 60 HP engine was sold in March 1917 and will be accounted for in the report for the current year. The Mackenzie exhauster was sold in October 1916 and is accounted for in the report for that year on page 27, line 18.

Page 38—The answer to inquiry 2 fails to mention any boilers retired, but page 27 shows 4. Please explain.

Answer—2 Scotch Marine Boilers shown in our report for the year 1914, on statement attached to page 38, as "disconnected but not disposed of" were scrapped in the year 1916.

1 Boiler, being an auxiliary to the locomotive crane shown in our report on statement No. 2 attached to page 45, was scrapped during the year.

1 Boiler, dismantled and scrapped about the year 1907 and not reported at that time, was written out of our accounts during the year.

Page 45—Lines 5 and 17 fail to show any exhausters or pumps, general, retired but page 27 shows 2 exhausters and 1 pump retired. Please explain.

Answer—The two (2) exhausters shown on page 27, line 18, column (c) were not reported under schedule 480 for the reason that they were disconnected prior to 1916 and sold as scrap in the year 1916.

The pump shown on page 27, line 29, column (c) was disconnected prior to 1916 and sold in the year 1916.

Page 45, *inquiry* 2—Kindly give cost of fans installed and withdrawn.

Answer—The cost of fan installed was..... $189.94
The cost of fan withdrawn was..... $206.32

Page 49—The particular years affected by the various adjustments should be stated.

Answer

Credits

Amount		*Period*		
$102,714.68	From	Dec. 1, 1902	to	Nov. 30, 1909
16,895.46	"	Jan. 1, 1915	"	Dec. 31, 1915
43,200.00	"	Jan. 1, 1910	"	Dec. 31, 1915
38,511.45	"	Oct. 1, 1915	"	Dec. 31, 1915
49,222.85	"	Oct. 1, 1915	"	Dec. 31, 1915

Debits

$43,242.84	From	Oct. 1, 1915	to	Dec. 31, 1915
126,851.15	"	Oct. 1, 1915	"	Dec. 31, 1915

Page 49, *lines* 19 *and* 40—Please explain why these items were not entered on respondent's books in the years to which they were applicable.

Answer—The items referred to were not entered on respondent's books in the years to which they were applicable for the reason that the revisions of the charges for the use of intercompany facilities, made necessary by the opening of the Astoria Tunnel (October 1, 1915) were not determined upon until subsequent to the close of the year.

Page 50, *lines* 26 *and* 30—These appropriations for contingency and appropriations to employees for faithful and efficient service are not among the deductions from gross income provided by the accounting order. They should be shown as appropriations of surplus, although there is no objection to stating them on this page below line 35 if the company desires to deduct them from the net corporate income, or surplus for the year.

Answer—The appropriations referred to are properly de-

ductible from the income for the year 1916. It is immaterial to the Company whether they are stated above or below line 35 on page 50.

Page 50, *col.* (c)—We note that there are various items classified differently from the way you classified them in your 1915 report. Please furnish information for reconciliation between the 1915 income statement as shown here and that shown in the prior year's report.

Answer—The Net Corporate Income "applicable to preceding year" as shown in column (e) is in accord with the report for that year. The items which compose it vary somewhat from the former year's report; certain revisions being necessary to place them on a comparable basis with schedule 551, column (c) and (d) of this year's report.

Page 51, *lines* 26-29.

Page 61, *schedule* 577—The form of the statement embodied in schedule 552, summary of Income from Operations has been agreed to by the reporting companies. Is it not your intention to follow this classification in respect of all rents which you have otherwise classified heretofore.

Answer—It is our intention to follow the classification as indicated in Schedule 552 in respect of all rents. Our accounts for the year were, however, closed prior to the adoption of the revised Schedule and we, therefore, classified the report as heretofore. If the Commission desires, we will prepare a revised classification.

Page 51, *schedule* 553—Please furnish the essential provisions of each agreement governing the determination of the price, also complete information as to points of delivery and points of measurement.

Answer—The quantity of gas delivered to us by The Astoria Light, Heat & Power Co., is measured at the Astoria Works. The quantity of gas delivered to us or received from The N. Y. Mutual Gas Light Co., The Standard Gas Light Co., and the New Amsterdam Gas Co., is determined by the quantity manufactured by the respective Companies and their sales to their own consumers. The point of delivery is not known.

Page 52. *Line* 41—Only the element representing profit or return upon property should be here included; the elements representing operating expenses and taxes should be credited to revenue deductions in accordance with the requirements of the accounting order.

Answer—Reference is made to our letters of May 22nd, June 16th, July 3rd, July 24th and August 25th, 1914, respecting "Joint Facilities and Arrangements". We are unable to comply with your request for the reason that no division of the charge between the various elements included therein was undertaken, the element of profit or return upon Capital being

problematical and contingent upon the actual cost, not determinable in advance, of the several other elements.

Page 52, *line* 42—Please furnish an analysis of the $188,516.09 and state where the items shown on page 16 and not shown on page 62 are taken into the income account. Please show the various rents from associated companies separately.

Answer—The above amounts consist of—

Miscellaneous Rent Revenue ...		.....	$312,749.46
Less—Expenses		$127,354.22	
Taxes	applicable	35,310.30	
Interest on unpaid taxes	thereto	1,630.31	164,294.83
			$148,454.63
Interest on Fire Insurance Participation Certificates			30,068.40
Other Miscellaneous Revenue			9,993.06
Total			$188,516.09

The Miscellaneous Rent Revenue includes such rentals as were derived from the property shown on page 16, other than that shown on page 62.

The various rents received from associated Companies were as follows:

The Standard Gas Light Co.....	7,000.00
New Amsterdam Gas Co.....	14,000.00
The Astoria Light, Heat & Power Co.....	6,440.00
National Coke & Coal Co.....	8,900.00
Municipal Lighting Co. Inc.....	5,700.00
The New York Edison Co.....	210,430.17
The New York Mutual Gas Light Co.....	11,666.64
The United Electric Light & Power Co.....	29,493.90
Total	$293,630.71

Page 55, *lines* 8 *and* 10, *col.* (*i*)—Please reconcile the $133,746.99 and $2,319.48 with the $133,755.99 and $2,310.48 shown on page 69.

Answer—We have amended our report by transferring $9.00 from line 10 to line 8, column (i) and have made corresponding transfers in columns (c) and (g). These changes will require revisions of the statistical table at the bottom of the page, as follows:

Column	(c),	line	35	should	be	3.59
"	"	"	39	"	"	108.15
"	(g)	"	35	"	"	2.97
"	"	"	39	"	"	368.66

Page 57, *line* 25—What was the amount of discounts on material and supplies during the year?

Answer—The amount of discounts on material and supplies during the year was $13,020.70 of which amount $7,681.02 is included in the amount reported on line 24.

Page 58, *line* 47—Does the foot-note mean that the figure given in the State Tax Commission's report excluded franchises, while the figure shown here includes franchises?

Answer—The amount reported on line 47 as "present value of all intangible property" *excludes* franchises.

Page 59, *inquiry* 2—Please explain the $35,310.30. Why is it not shown on page 58?

Answer—The item $35,310.30 represents Real Estate Taxes applicable to "Other Miscellaneous Gas Revenue". It is included in the amount reported on page 58, line 5, column (f).

Pages 59 *and* 63, *Mains, pipes and connections tax and interest thereon*—As stated in our letter of June 19, 1916, if the entire amount of this tax is set up as an absolute liability, the concurrent charge should be made to Surplus or to Suspense and not to revenue deductions. Also, if the interest penalty is set up as an absolute liability, it should be treated similarly.

Answer—With reference to the tax on Mains, Pipes and Connections and interest thereon we beg to refer you to our letters of November 1, 1915 and July 6, 1916. As stated in the latter letter—

"It is an anoyance to us to have the City persist in assessing this property; but so long as it does so and renders us bills for the amount, we have no alternative except to treat it in the same way as any other tax that is imposed upon the Company. We cannot treat as a negligible informality that which the City does, under its taxing power, with all the formalities required by law. We have endeavored to have this assessment discontinued, but thus far without success; and if the Commission can exercise its good offices in having the City discontinue making the assessment, which seems to us is without authority, we shall be greatly relieved."

The conditions above stated remain unchanged.

Page 60—The entries in col. (c) should be distributed between cols. (d), (e) and (f), the distribution being made in conformity with the requirements of the accounting order.

Answer—Reference is made to our answer in respect of page 52, line 41.

Page 63, *line* 40, *col.* (*f*)—From the amounts on page 59, please show how the $51,660.20 was developed.

Answer—The amount $51,660.20 shown on line 40 should be augmented by $1,630.31, making the corrected amount $53,290.51, and corresponding change made on line 59.

The amount No. 53.290.51 is developed as follows:

Special Franchise Tax

Year 1913—	$148,848.43—	1 year @ 7%	$10,419.39
" 1914—	146,366.49—	1 " "	10,245.65
" 1916—	* 60,412.44—	Varying periods @ 7%	1,767.80

Real Estate of Corporations

Year 1913—	$119,822.00—	1 year @ 7%	8,387.54
" 1914—	117,459.70—	1 " "	8,222.18
" 1915—	122,816.89—	1 " "	8,597.18
" 1916—	67,051.60—	184 days "	2,359.63
	134,103.20—	61 " "	1,564.54
Real Estate—Miscellaneous items.....			1,726.60
Total			$53,290.51

Page 63, *line* 40, *col.* (*h*)—Please reconcile with figures reported in columns (b), (f), and (g).

Answer—Kindly amend our report in conformity with answer to page 63, line 40, col. (f).

Page 65, *Schedule* 655 *A. Col.* (*d*)—Total of figures reported is 33,062, instead of 33,094 as entered. Please correct where necessary.

Answer—The average sales per meter are correctly reported in column (d) line 53. The quantity here given is obtained in the same manner as the average monthly sales per meter are obtained; i.e., by dividing the cubic feet sold during the year by the average number of active meters in use during the year.

Page 68—Please fill in lines 44, 52 and 55.

Answer

	Line 44 Average Cost of Gas Oil Per Gal.	Line 52 Cost of Coke and Breeze Bought.	Line 55 Price of Coke and Breeze Sold.
14th St. Station.....	.....	$.....	$184.80
42nd " "	3.035c.	586.60	962.09
21st " "	3.035c.	34,466.28	.....
99th " "	3.035c.	11,271.40	.....
All Stations	3.035c.	$46,324.28	$1,146.89

Page 69, *line* 1, *cols.* (*c*), (*g*) *and* (*i*) *and line* 21, *col.* (*m*)—The statement reconciling these entries with those in the 1915 report should not be omitted.

Answer—The value of material on hand at the beginning of the year as shown on lines 1 and 21 of this report is the balance as shown in the report of the previous year, less the stock expenses included therein, which amount is included in the items shown on lines 4 and 26 of this report.

Page 69, Col. (a) caption. Please state B.T.U. per pound, as requested here.

* Represents the balance of 1916 taxes remaining unpaid.

Answer

	Steam Coal Anthracite.	Gas Coal Anthracite.	Gas Coal Bituminous.
B.T.U. per pound..	12,599	None taken	None taken

Page 69, *line* 9—Should not the 1,834,269 pounds and $2,926.89 be transferred to line 10?

Answer—Our copy of the report shows the quantity and amount stated on line 10. If your copy does not so indicate, please correct.

Page 69, *line* 47—Will you not kindly state how much of the 80,552,967 gallons were delivered to each of the other companies?

Answer—

Company.	Gallons.
The Astoria Light, Heat & Power Co.	29,246,014
The Standard Gas Light Co.	9,300,594
New Amsterdam Gas Co.	21,592,136
Central Union Gas Co.	11,738,730
New York & Queens Gas Co.	1,231,199
Westchester Lighting Co.	6,985,636
Northern Westchester Lighting Co.	238,947
Peekskill Lighting & Railroad Co.	219,711
Total	80,552,967

Page 71, *line* 24—Please distribute the telephone operators by sex. In future reports please enter such employees under division C, as clerical employees.

Answer—

	Men.	Women.	Total.
$10.00 per $12.00 per week	1	..	1
12.00 " 13.00 " "	..	4	4
15.00 " 17.50 " "	..	13	13
17.50 " 20.00 " "	6	..	6
20.00 " 25.00 " "	3	1	4
Over $25.00	..	1	1
Total Operators..	10	19	29
Total Weekly Wages..	$187.00	$292.00	$479.00

We note it is desired that such employees should be hereafter reported under Division C.

Yours very truly,

(signed) R. A. CARTER,

Vice-President and Secretary.

COMPLAINANT'S EXHIBIT 459.

CONSOLIDATED GAS COMPANY OF NEW YORK,

130 East 15th Street,
New York, May 8, 1918.

Mr. JAMES B. WALKER, Secretary,
Public Service Commission for the First District,
No. 120 Broadway, New York, N. Y.

Dear Sir:

Replying to your communication of the 16th ultimo with reference to our annual report for the year ended December 31, 1917, have to advise as follows:

Page 4, *inquiry* 8—The entries on page 28 indicate that the 225 shares are the preferred stock and the 340 shares are the common. Please reconcile.

Answer—The changes in the respondent's holdings of the Capital Stock of the N. Y. & Queens Electric Light & Power Company during the year 1917 were as follows:

Common Stock	340 shares
Preferred Stock	225 shares

Page 4, *inquiry* 11—Please state the essential facts of the new gas oil contract.

Answer—The contract, dated December 4, 1917, for deliveries of gas oil during the year 1918 is for 122,000,000 gallons to be delivered at the manufacturing stations of the Consolidated Gas Company and its affiliated Gas Companies. It provides for a delivery of a homogeneous gas oil of not less than 28° gravity Baume and of a quality equivalent for gas making purposes to similar gravities received by the Gas Company during the year prior to the date of this contract. The prices for delivery of such oil at the stations of this Company are as follows:

East 21st Street.....	6.5515¢ per gallon
West 42nd Street.....	6.5618¢ per gallon
East 99th Street.....	6.5721¢ per gallon

These prices are subject to change in lighterage and railroad rates and additional taxes, if any, imposed by the U. S. Government.

Page 10—Please state the facts called for about indirectly controlled companies.

Answer—As has been previously stated several times:—"The Company is unwilling to assert, under oath, that it actually controls any of the Companies whose stock it owns, except in the popular sense that such control is supposed to follow from stock ownership; and the exact facts in regard to

such ownership are explicitly stated in the report on pages 10 and 28."

Pages 18, *lines* 18-22—Page 28 shows that with the exception of the investments in the securities of the New Amsterdam and the United Electric, all the investments have seperate book values as far as required by the accounting order and can therefore readily be distributed between these lines. Please make proper distribution of the investments in these two companies among the prescribed classes, stating basis therefor, so that the $92,375,390.22 Miscellaneous Investments can be distributed on the balance sheet among the five primary classes here provided for.

Answer—It is impossible to comply with your request for the reason that we are unable to find in our records any data which would enable us to make any further distribution of the investments referred to than is given in the report.

Page 20, *ff.*—Please describe and give the book value of the 44th Street property taken over by the city in 1913 and state which of such property has not yet been written off your books.

Please make and report the credits to fixed capital accounts required by the Uniform System of Accounts, particularly par. 20 relative to withdrawals or retirements.

Answer—A portion of the property of this Company located at West 44th Street employed prior to August 1913 as a manufacturing station, has been occupied by the City of New York, without any compensation as yet to the Company, pending settlement of condemnation proceedings. None of this property has as yet been written off our books.

Credits on account of withdrawals and retirements, as reported on page 20, are in accordance with the provisions of the Uniform System of Accounts, paragraph 20. Specific detailed information supporting the aggregate shown in column (c), line 30, is shown on pages 20 and 27 of our report.

Page 27—Page 38 shows a stack and an engine retired, page 45 shows 2 exhausters and various forced draft fans withdrawn, and your letter of July 21, 1917, mentioned an Orr & Sembower Engine as retired. These have apparently not been credited to fixed capital. Please furnish a complete statement (describing the items and giving the book value thereof) of all your fixed capital that has been retired and not written off your capital accounts.

Why have proper credits not been made to fixed capital for all withdrawals as required by the accounting order?

Answer—The stack and engine shown on page 38, the two exhausters and forced draft fans shown on page 45 and the engine referred to in our letter of July 21, 1917, were not credited to Fixed Capital during the year 1917 for the reason that as of December 21, 1917, all of such equipment was yet in our pos-

session, awaiting future disposition. All Fixed Capital, when retired from service and disposed of has been credited to our Capital accounts as required by the Uniform System of Account, paragraph 20.

Page 27, Cols. (h) and (i)—The charges for loss on capital retired should be apportioned between Accrued Amortization of Capital and Surplus and entered in these columns. Instead you have entered the entire amount in column (h) and have altered the caption. Please correct.

Answer—As heretofore stated and for the reason given, this Company has never Made any provision for the amortization of any of its capital, except that invested in plant withdrawn from service. It has made a provision under the caption of "renewals and replacements" for plant withdrawn from service, based upon the average actual requirements for this purpose during many years of the Company's history. The value of plant withdrawn from service during the year 1917, less any salvage thereon, was properly charged against this account.

Page 27, Bottom of page—Please indicate the period of service of each identifiable unit retired that was installed subsequent to December 31, 1908.

Answer—It is impossible to determine the date of installation of many units of property retired from service. The division of credits to Fixed Capital between the periods *prior* and *subsequent* to December 31, 1908, is necessarily arbitrary and the requirement of the report form that the Company "indicate hereon the period of service of each unit retired" is burdensome, unnecessary and, in many cases, impossible of compliance.

Herewith find statement showing "period of service" of such units of property withdrawn from service during the year 1917 as are determinable:

Page 22, Line 3—Sidewalks	3	years
" 11—General Stable Equipment, Horses	6½	"
" 11—Automobiles & Accessories—		
Car No. 8	8	"
" No. 9	8	"
" No. 10	9	"
" No. 11	10	"
" No. 29	3	"
" No. 30	3	"
" No. 33	3	"
" No. 38	3	"
Line 12—Granite Block Paving and Brick Wall	3	"

Page 27, line 41—Was the recovery in first instance by the insurance trustees?

Answer—The recovery in the first instance was from the Fire Insurance Trustees.

Page 29, line 44—Please show separately any debit balances included among these miscellaneous items.

Answer—Included in the amount hereon reported there are debit balances aggregating $36,607.60.

Page 33, lines 14-17. Please answer.

Answer—

Line 14	$24,846,247.50
" 15	None
" 16	None
" 17	None

Page 36, employees' insurance reserve—Please state why the $37,610.68 is no longer carried in reserve but is transferred to Surplus.

Answer—This amount represents the balance as of December 31, 1917, in a reserve which was set up prior to the present Liability Insurance Agreement. As there were no outstanding claims chargeable to such reserve, the balance was transferred to Surplus at December 31, 1917.

Page 46, insert. The accounting order is specific in requiring credits to fixed capital, when retirements are made, at the time of retirement. Please make proper credits accordingly for the six holders here shown as retired but not charged off in 1917.

Answer—Credits to our Fixed Capital account for the six holders hereon shown as retired could not have been properly made in 1917 due to the fact that as of December 31, 1917, the demolition and removal of such holders had not been completed.

Page 48, line 45, col. (h)—Please reconcile the 502,645 (534,893 meters shown here minus the 32,248 set but locked or cut out) with the 502,455 shown on page 65, line 32.

Answer—We are unable to confirm the figures given in your inquiry. Our copy of the report shows as follows:

Page 48, line 45	534,893	meters
" 48, question 5	32,448	"
" 65, line 32	502,445	"

Page 49, line 9—Please state to what property this $506,400.07 is applicable.

Answer—

Property located at West 18th Street Station	$319,253.00
" " " " 42nd " "	40,922.82
" " " " 132nd " "	146,224.25
Total	$506,400.07

Page 50, lines 11 and 12, col. (a)—If the $8,270.77 difference between the $112,863.99 and the $121,134.76 shown on page 61 of the 1916 report was not for rents for furnished offices and for office rooms in office buildings heated and lighted by the landlord, and as such property left in the operating expenses, please explain them.

Answer—The amount $121,134.76 shown on page 61, line 36 of our report for the year 1916 represents payments for the use of property by this Company and its affiliated Companies. Of this amount $8,270.77 was charged to affiliated Companies. The balance $112,863.99 was charged to our operating expenses and is shown on page 50, lines 11 and 12, column (a) of our report for the year 1917.

Page 50, Insert, line 7—Please explain the discrepancy between the $31,514.00 shown here and the $32,550.04 shown on page 61 of the 1916 report as charged to Account No. 633.

Answer—The apparent discrepancy of $1,036.04 consists of—

(a) Amount included on page 61 of our report for the year 1916 as applicable to Account No. 633 which was charged to affiliated Companies	$1,640.93
(b) Amount included on page 61 of our report for the year 1916 on line 11 as "Minor Rents Payable"	604.89
Net	$1,036.04

Page 50, Insert, last line—The caption for the $11,078,946.97 could be "Expenses, taxes, etc." or, if preferred, "Total cost of operation" instead of "Total operating expenses."

Answer—We note your comments in respect of this page of our report.

Page 51, schedule 533—Please furnish the essential provisions of each agreement governing the determination of price, also complete information as to points of delivery and points of measurement.

Answer—The quantity of gas delivered to us by the Astoria Light, Heat & Power Company is measured at the Astoria Works and the charge therefor is based upon their total operating cost, plus a return of 7% upon the amount of their investment in the gas business.

The quantity of gas delivered to, or received from, The New York Mutual Gas Light Company, The Standard Gas Light

Company and the New Amsterdam Gas Company is determined by the quantity manufactured by the respective Companies and their sales to their own consumers. Point of delivery is not known. The charge therefor is based upon the terms of the Agency agreements referred to on page 12 of our report, copies of which are on file with the Commission.

Page 52, line 41—Only the element representing profit or return upon property should be here included: the elements representing operating expenses and taxes should be credited to revenue deductions in accordance with the requirements of the accounting order.

Answer—Reference is made to our letters of May 22nd, June 16th, July 3rd, July 24th and August 24th, 1914, respecting "Joint Facilities and Arrangements." We are unable to comply with your request for the reason that no division of the charge between the various elements included therein was undertaken, the element of profit or return upon Capital being problematical and contingent upon the actual cost, not determinable in advance, of the several other elements.

Page 52, line 42, insert—Please state how much of the $332,841.43 and $135,365.59 is applicable to the general office building. Also please state (1) the total operating expenses and (2) taxes applicable to the general office building, (3) distributing the total operating expenses between the various items of direct and general expense, and (4) state the basis that determines the portion of such total operating expenses, and also the total taxes, that is here deducted from these revenues as applicable to other companies.

Answer—The amount $332,841.43 includes rental revenue applicable to the General Office Building of $302,734.36.

The amount $135,365.59 includes expenses applicable to the rental revenue of the General Office Building of $127,962.57.

The total Operating Expenses and Taxes applicable to the General Office Building are as follows:

Total Operating Expenses.....	$190,590.64
Taxes	47,187.20
Total	$237,777.84

The total Operating Expenses as above are distributed as follows:

Applicable to the rental revenue of the General Office Building	$127,962.57
Applicable to the Departmental Expenses of this Company	62,628.07
Total	$190,590.64

The basis that determines the division of the Total Operating Expenses and Taxes applicable to the General Office Building is the square feet of occupancy.

The remaining unanswered questions are now receiving attention. Further answer will be filed within ten days.

Very truly yours,

(Signed) R. A. CARTER,
Vice-President and Secretary.

COMPLAINANT'S EXHIBIT 460.

ADDENDUM TO ABSTRACT OF 1917 ANNUAL REPORT OF CONSOLIDATED GAS COMPANY OF NEW YORK

The Income Statement of the Consolidated Gas Company does not include earnings of controlled companies beyond the portion received or receivable by the Consolidated Gas Company in payment for gas supplied, use of property rented and interest of dividends declared. The following table shows the net additions to surplus of the subsidiary companies under the jurisdiction of the First District Commission and the portion of such increment or surplus attaching to the stock held directly or indirectly by the Consolidated Gas Company so far as such stock holdings are reported among the investments of the holding company. Various holdings are not included in the table, of which the following are the more important:

Consolidated Gas Co.	owns	Westchester Lighting Co. stock	$12,500,000	(all)
Consolidated Gas system	"	Municipal Lighting Co. Inc. stock	75,000	
New York Edison Co.	"	Yonkers Elect. Lt. & Pr. Co. stock	200,000	(all)
" " "	"	Edison Lt. & Pr. Inst. Co. stock	1,216,400	
Edison Lt. & Pr. Inst. Co.	"	Empire City Subway Co. stock	518,500	
United Elect. Lt. & Pr. Co.	"	Ball Elec. Ill. Co. (inactive) stock	129,500	

Subsidiary	Capital stock outstanding Dec. 31, 1917 — Class	Par Value	Portion held by Consolidated Gas Co. and subsidiaries — Amount	Per Cent	Net increase or (D) decrease in Corporate Surplus in 1917	Cons. Gas Co.'s share therein (to the nearest thousand)
(A) PROPRIETARY COMPANIES AND COMPANIES IN WHICH OUTSIDE HOLDINGS OF COMMON STOCK ARE INCONSIDERABLE						
Consolidated Gas Co. owns						
Astoria L. H. & P. Co.	Common	$10,000,000	$10,000,000	100.00	$711,735.23	$712,000
[illegible]	Preferred	9,000,000	8,991,475	99.91	D 51,968.48	D 52,000
	Common	12,165,000	12,154,502			
New York Edison	Common	65,945,417	65,943,400	99.99	D249,745.54	D250,000
N. Y. & Queens Gas Co.	Common	600,000	600,000	100.00	D 11,097.32	D 11,000
Standard Gas Light Co.	Preferred	4,293,600	4,096,100	95.40	(a)	(a)
	Common	4,955,700	4,795,200	96.78	D 98,066.39	D 95,000
United Elect. L. & P. Co.	Preferred	1,642,238	1,641,888	99.93	277,573.03	277,000
	Common	3,657,446	3,654,146			

New Amsterdam Gas Co. owns—							
Central Union Gas Co.	Common		3,500,000	3,500,000	100.00	300,333.77	300,000
Northern Union Gas Co.	"			740,000			
Central Union Gas Co. owns—			1,500,000		100.00	50,013.27	50,000
Northern Union Gas Co.	"			760,000			
New York Edison Co. owns—							
Consol. Tel. & El. Subway Co.	"			1,670,000			
United Elect. L. & P. Co. owns—			1,875,000		99.73	11,399.46	11,000
Consol. Tel. & El. Subway Co.	"			200,000			
Brush Electric Illg. Co.			999,000	999,000	100.00	9,743.29	10,000
					Total	$549,920.32	$552,000
(B) SUBSIDIARY COMPANIES WITH CONSIDERABLE MINORITY INTERESTS							
Consolidated Gas Co. owns—							
N. Y. Mutual Gas Light Co.	Common		3,409,700	1,886,200	55.32	D230,701.77	D 128,000
N. Y. & Queens Elect. L. & P. Co.	Preferred		1,250,000	819,800	65.58	(b)	(b)
	Common		1,250,000	1,044,000	83.52	114,600.02	96,000
					Grand total	$433,818.57	$520,000

The increase in surplus is shown after the deduction of dividends, reservations for "Renewals and replacements—plant withdrawn from service" and "Contingency" and miscellaneous deductions that were mainly applicable to prior years. The amount set aside by these subsidiary companies for renewals and replacements and contingency, after providing $652,368 for realized depreciation, was $4,943,828.

There was charged to income during the year by the gas companies shown above and the Consolidated Gas Co. for "mains, pipes and connections," $354,000, together with the maximum interest penalty of 7 per cent. This tax is for the most part an alternative tax on tangible property in streets and public places and is cancelled or reduced if the special franchise tax is paid in full. In 1916 and 1917, no payments were made on account of this tax, and in 1915 the payments amounted to $19,000 as against a levy of $265,000. At the time of the last tax settlement in 1915, the Consolidated Gas Co. obtained an abatement on this tax for 1906-1912 from $732,000 to $1,000. Other companies, subsidiaries of the Consolidated, received similar abatements. As a result of this duplication, revenue deductions are overstated and profits understated.

(a) The preferred stock is 6% non-cumulative; 3% was paid in 1917.
(b) The preferred stock is non-cumulative and is entitled to a prior dividend of 5 per cent. A 4 per cent. dividend on the preferred stock was declared and paid in 1917. The remaining surplus for the year is here apportioned to the common stock.

TO/WO No. 11195

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT

Comparative Statement of Operations 1916 and 1917 compiled from the returns of the

CONSOLIDATED GAS COMPANY OF NEW YORK

N. B.—The figures given below for 1917 are subject to such correction as may be found necessary after critical examination of the return, which will be published in greater detail in the Annual Report of the Commission.

Items	Cents per M cu. ft. 1916	Cents per M cu. ft. (a)1917	Amount 1917	Increase over 1916(b)
Operating revenue (detail, page 2)	86.63	87.33(c)	$14,751,290.98	$635,443.03
Operating expenses:				
Gas-making labor	1.93	2.21	$161,774.38	$23,764.31
Boiler fuel	1.87	2.38	173,984.41	40,228.42
Generator fuel	6.99	8.07	591,158.94	90,670.67
Gas coal	.07	.02	1,557.16	D 3,680.21
Water-gas oil	12.46	20.34	1,489,461.99	596,821.72
Coal-gas enricher	.00	.00	79.86	D 254.62
Gas storage	1.45	1.61	117,843.18	14,302.35
Other supplies and expenses	1.08	1.02	74,497.45	D 3,108.12
Repairs at works	1.97	1.95	143,052.36	2,223.00
Cost of mfg. gas and residuals	27.82	37.60	$2,753,409.73	$760,967.52
Less residuals produced	2.50	2.63	192,887.83	13,882.28
Net cost of gas in holder	25.32	34.97	$2,560,521.90	$747,085.24
Gas made for associated companies — at cost Cr	21.34	(d) 34.03	47,288.69	D 14,203.26
Gas received from associated companies	44.03	(e) 50.00	5,574,094.47	1,043,846.99
Total production expenses	38.55	47.88	$8,087,327.68	$1,805,135.49
Distribution supplies and expenses	4.53	4.90	827,114.52	88,608.79
Distribution repairs	4.00	3.01	509,190.42	D 142,219.95
Municipal street lighting expenses	.01	.01	2,174.16	379.80
Commercial administration	4.26	4.31	727,073.07	32,454.96
Promotion of business	1.51	1.46	247,099.45	1,769.93
General exp. (excl. of depreciation	5.22	6.12	1,033,139.33	182,574.45
Total of foregoing	58.08	67.69	$11,433,118.63	$1,968,703.47
General amortization(f)	3.00	3.00	506,731.92	17,878.12
Total operating expenses	61.08	70.69	$11,939,850.55	$1,986,581.59
Uncollectible operating revenue	.26	.25	42,013.36	313.54
Tax accruals (detail, page 2)	5.93	7.11	1,201,194.90	234,188.40

Items	Cents per M cu. ft. 1916	Cents per M cu. ft. (a)1917	Amount 1917	Increase over 1916(b)
Municipal rents	.20	.19	31,580.25	D 780.40
Joint facility rents	.03	.02	4,107.70	.....
Miscellaneous rents	.49	.33	56,113.94	D 24,389.40
Total expenses, taxes, etc.	67.99	78.59	$13,274,860.70	$2,195,913.73
Non-operating revenue (g)			$7,538,723.21	D$210,897.16
Non-operating revenue deductions (h)			282,848.95	60,366.13
Non-operating income			$7,255,874.26	D$271,263.29
Operating income (revenue *less* expenses, taxes, etc.)			1,476,430.28	D 1,560,470.70
Gross corporate income			$8,732,304.54	D$1,831,733.99
Less interest charges (on funded debt, $1,490,774.88; on unfunded debt, $110,041.72; amortization of discount on debentures, $2,383.92)			1,603,200.52	14,016.07
Net corporate income			$7,129,104.02	D$1,845,750.06
Surplus at beginning of year			19,110,696.64	1,101,959.84
Surplus adjustments—net addition (j)			1,482,346.77 (k)	1,553,329.68
Total			$27,722,147.43	$809,539.46
Deduct dividends at 7% on $99,816,500 of capital stock			6,987,155.00	.....
Appropriations to "Contingency" (f)			844,553.20	29,796.87
Surplus at close of year			$19,890,439.23	$779,742.59

PUBLIC SERVICE COMMISSION, FIRST DISTRICT.

Bureau of Statistics and Accounts.
A. F. WEBER,
Chief Statistician.
May, 1918.

CONSOLIDATED GAS COMPANY OF NEW YORK—2

SALES OF GAS, 1917

M cu. ft. delivered		Net amount of revenue	Increase or (D)decrease
8,660.4 @ 75¢	Municipal street lighting	$6,495.32	D $11,026.78
126,087.9 @ 75	Lighting municipal buildings	94,565.92	D 3,548.26
2,750,527.4 @ 80	Prepaid gas	2,194,130.74	122,511.53
14,005,788.4 @ 80	Commercial metered lighting	11,204,190.68	368,723.85
.....	Commissions on others' gas	4,728.87	D 1,420.33
16,891,064.1	Total sales	$13,504,111.53	$475,240.01
Miscellaneous revenues: Rent of gas appliances, $687,903.05; gas merchandise and jobbing, $143,031.56; "joint facilities and arrangements" (c), $219,780.74; other miscellaneous, $196,464.10		1,247,179.45	160,203.02
	Total operating revenue	$14,751,290.98	$635,443.03

TAXES

Items	Assessed	Charged to income	Paid	Due and unpaid
Real estate..(1)	$460,831.50	$454,616.92	$460,831.50	$22,442.86
Mains, pipes and connections	132,710.60	132,710.60	.....	626,912.39
Special franchise	376,944.40	376,944.40	222,417.47	510,154.29
Gross earnings—State	112,644.10	112,644.10	110,036.06	.....
Excess dividends —State	89,834.85	89,834.85	89,834.85	.....
Stock transfer stamp — State	2,210.22	2,210.22	2,210.22	.....
Income—Federal	270,544.60	270,544.60	185,544.60	.....
Capital stock — Federal	96,703.25	96,703.25	96,703.25	.....
Total	$1,542,423.52(m)	$1,536,208.94	$1,167,577.95	(n)$1,159,509.54

MANUFACTURING PLANTS

Water gas works	Water gas sets	Daily cap. (M cu. ft.)	Max. day's make	Total gas made
21st St. & East River.....	14	27,500	31,296	6,035,455
99th St. & East River.....	4	5,500	6,299	1,283,527
Total	18	33,000	.....	7,318,982
Coal gas works	**Benches**	**Retorts**		
14th St. & East River.....	144	864	5,000	851	2,122
42nd St. & North River.....	100	620	4,500	566	1,742
Total	244	1,484	9,500	.....	3,864

Other facilities.—Number of holders (inclusive of 3 relief holders), 31; capacity, 49,660 M cu. ft.; retired during year, 6 holders of 1,900 M cu. ft. capacity. Length of mains, 842.209 miles; net increase, 0.384 miles. Number of services, 68,440; net decrease, 249. Number of meters owned, 554,773; net increase, 2,161. Number of consumers (active meters including 121 in company service and excluding 32,448 set but locked or cut out), 502,566; increase, 5,096. Number of street lamps: Open flame, 199; decrease, 196.

Gas made, bought and sold (M cu. ft.).—On hand, Jan. 1, 1917, (o) 38,450; made during year, 7,322,846; purchased, 9,233,829.4; received under agency agreement 1,916,832.2; sold, 16,891,064.1; supplied to other companies under agency agreement, 138,966.3; used, 76,250.1; unaccounted for, 1,377,132.1; on hand Dec. 31, 1917, 28,545.

Materials consumed.—Boiler fuel, 19,778.9 short tons of coal; 3,038.7 short tons of coke, and 3,899,495 gals. of water-gas tar; gas coal carbonized, 452.1 short tons; fuel under retorts, 29.7 short tons of coke. Generator fuel, 106,188 short tons of coal, and 9,863.6 short tons of coke. Gas oil, 30,444,819 gals. at an average price of 4.89 cents; price paid for oil, 5.0 cents per gal. under 1917 contract for 112,000,000 gals. embracing the Consolidated system. Deliveries during year under 1917 contract to Consolidated and associated gas companies, 111,934,668 gals.; under 1916 contract (at 3.035 cents per gal.), 777,789 gals.; under 1918 contract, 416,775 gals.

Residuals.—Coke: Made during year (short tons), 307.8; sold, 255.8; receipts from sales, $1,191.15; residual expense, $123.80. Coal-gas tar: Made, 1,465 gals.; sold, 7,515 gals.; receipts from sales, $201.61. Water-gas tar: Made, 5,934,373 gals.; sold, 2,127,574; receipts from sales, $63,827.22; residual expense, $3,931.71. Receipts from sales of other residuals, $49,346.32; other residual expense, $54.67.

Employees and wages.—Number of general officers, 10; salaries, $128,083.98; number of employees (p), second week in December: Full-time, 2,456; part-time, 225. Total compensation paid to officers and employees during the year (exclusive of appropriations to employees, $113,466.62), $2,908,868.72, whereof identified as charged to operating expenses, $2,446,288.12; fixed capital, $89,892.82; suspense and other accounts, $372,687.78.

Explanatory Notes.

(a) Revenue, total production expense and following items divided by 16,891,064.1 M cu. ft. sold; manufacturing costs by 7,322,846 M cu. ft. made.
(b) Various 1916 figures with which comparison is here made have been reclassified by the company. The prefix "D" signifies decrease instead of increase.
(c) Includes the total credits for the following joint facilities: Astoria Light, Heat & Power for land, bulkheads and hoisting apparatus at East 21st, East 111th and West 42nd street, $26,000; for 48-inch main connecting 71st street, Manhattan, and Bronx end of Astoria tunnel: New Amsterdam Gas, $24,282.29; Standard Gas Light, $574,10; Central Union Gas, $16,691.42. For other mains, and land, holder and accessories at Kingsbridge, Central Union Gas, $152,232.93; total, $219,780.74
(d) Manufactured for the Standard Gas Light, 138,966.3 M cu. ft. on the basis of labor and material employed in manufacture, $47,288.69 (34.03 cents per M) which the company credited to production, plus 10 per cent, $4,728.87, which the company included in its operating revenues.
(e) From Astoria Light, Heat & Power, 9,233,829.4 on the basis of labor and material employed in manufacture, $3,700,879.13, plus return upon their investment for account of respondent, $1,189,595.40; total cost, $4,890,474.53, averaging 52.96 cents. Purchased under agency agreement on the basis of labor and material employed in manufacture, plus 10 per cent: (M cu. ft.) From N. Y. Mutual Gas Light, 1,108,849.4 at 37 cents, total cost, $410,315.49; Standard Gas Light, 174,999.8 at 34.26 cents, total cost, $59,955.61; New Amsterdam Gas, 632,983 at 33.71 cents, total cost, $213,348.84. Total purchases, 11,150,661.6 for $5,574,094.47, charged to production.
(f) The company makes no charge to the prescribed operating expense account General amortization and no credits to the prescribed account Accrued Amortization of Capital. Instead it has included in operating expenses without authority from the Commission the item "Renewals and replacements—Plant withdrawn from service" and has appropriated from surplus 5 cents per M cu. ft. to "Contingency" reserve.
(g) Consists of revenue from associated companies, $7,374,883.74 (dividends, $5,577,442.50; interest on bonds, $532,680; on notes and loans, $60,748.77; on advances, $1,124,061.64; on unpaid coupons of United Electric Light & Power, $79,950.83); interest on real estate bonds and mortgages, $10,563,52; on special deposit National City Company, $123,402.78; other interest, $15,533.45; other rent, $14,339.72.
(h) Includes non-operating taxes, $282,402.84. See note (m).
(j) *Debits:* Miscellaneous items applicable to former years, $7,152.66. *Credits:* Balance carried in Accrued amortization representing difference between cost of estimated repairs and cost of actual repairs during years 1909-1914 inclusive transferred to this account in contravention of the accounting rules of the Commission, $945,488.88; amount received from sales of real estate in excess of amount at which it was carried on books, $506,400.07; transfer of balance carried in Employees' insurance reserve, $37,610.68.
(k) The 1916 figure with which comparison is here made includes an appropriation to employees for faithful and efficient service, $37,441.99; the company's 1917 appropriation of $113,466.62 is apparently included in operating expenses.
(l) Includes $6,214.58 charged to Accounts receivable.
(m) Includes non-operating taxes, $282,402.84 (real estate, $12,402.80; excess dividends, $63,639.01; federal income, $142,478.86; federal capital stock, $63,882.17); also "Miscellaneous operating revenue deductions," $52,611.20.
(n) Exclusive of accrued interest, $204,432.86. There accrued and was charged to income during the year, $69,487.29 for interest on unpaid taxes.
(o) The 1916 report was corrected subsequent to compilation of 1916 abstract
(p) Exclusive of employees on a monthly payroll, who numbered 195 in 1916.

LER/WO No. 11130

COMPLAINANT'S EXHIBIT 461.

ADDENDUM TO ABSTRACT OF 1918 ANNUAL REPORT OF CONSOLIDATED GAS COMPANY OF NEW YORK

The Income Statement of the Consolidated Gas Company does not include earnings of controlled companies beyond the portion received or receivable by the Consolidated Gas Company in payment for gas supplied, use of property rented, interest, and dividends declared. The following table shows the net additions to surplus of the subsidiary companies under the jurisdiction of the First District Commission and the portion of such increment or surplus attaching to the stock held directly or indirectly by the Consolidated Gas Company so far as such stock holdings are reported among the investments of the holding company. Various holdings are not included in the table, of which the following are the more important:

System companies in First Dist.	own	Municipal Lighting Co. Inc. stock.....	$5,000	
Consolidated Gas Co.	owns	Westchester Lighting Co. stock.....	12,500,000	(all)
New York Edison Co.	"	Yonkers Elect. Lt. & Pr. Co. stock....	200,000	(all)
" " " "	"	Edison Lt. & Pr. Inst. Co. stock.....	1,216,400	
Edison Lt. & Pr. Inst. Co.	"	Empire City Subway Co. stock.....	518,500	
United Elect. Lt. & Pr. Co.	"	Ball Elec. Ill. Co. (inactive) stock.....	129,500	

Subsidiary	Capital stock outstanding Dec. 31, 1918 — Class	Par Value	Portion held by Consolidated Gas Co. and subsidiaries — Amount	Per Cent	Net increase or (D) decrease in Corporate Surplus in 1918	Cons. Gas Co.'s share therein (to the nearest thousand)
(A) PROPRIETARY COMPANIES AND COMPANIES IN WHICH OUTSIDE HOLDINGS OF COMMON STOCK ARE INCONSIDERABLE						
Consolidated Gas Co. owns—						
Astoria L. H. & P. Co.	Common	$10,000,000	$10,000,000	100.00	$684,417.73	$684,000
New Amsterdam Gas Co.	Preferred	9,000,000	8,991,475	99.91	D 542,648.22	D 542,000
	Common	12,165,000	12,154,592			
New York Edison	Common	65,945,417	65,943,400	99.99	602,414.47	602,000
N. Y. & Queens Gas Co.	Common	600,000	600,000	100.00	D 21,787.47	D 22,000
Standard Gas Light Co.	Preferred	4,293,600	4,096,100	95.40	(a)	(a)
	Common	4,955,700	4,796,200	96.78	27,642.14	27,000
United Elect. L. & P. Co.	Preferred	1,642,238	1,641,888	99.93	369,981.28	370,000
	Common	3,657,446	3,654,146			

New Amsterdam Gas Co. owns—						
Central Union Gas Co.	Common	3,500,000	3,500,000	100.00	D 59,055.69	D 59,000
Northern Union Gas Co.	"	1,500,000	740,000	100.00	D 92,879.04	D 93,000
Central Union Gas Co. owns—						
Northern Union Gas Co.	"		760,000			
New York Edison Co. owns—						
Consol. Tel. & El. Subway Co.	"	1,875,000	1,670,000	99.73	97,334.95	997,000
United Elect. L. & P. Co. owns—						
Consol. Tel. & El. Subway Co.	"		200,000			
Brush Electric Illg. Co.		999,000	999,000	100.00	16,319.07	16,000
				Total	$1,081,739.22	$1,080,000
(B) SUBSIDIARY COMPANIES WITH CONSIDERABLE MINORITY INTERESTS						
Consolidated Gas Co. owns—						
N. Y. Mutual Gas Light Co.	Common	3,409,700	1,886,200	55.32	D 196,904.11	D 109,000
N. Y. & Queens Elect. L. & P. Co.	Preferred	1,250,000	849,000	67.92	(b)	(b)
	Common	1,250,000	1,066,600	85.33	216,031.93	184,000
				Grand total	$1,100,867.04	$1,155,000

In the year 1918 the Consolidated, New Amsterdam, Central Union and Northern Union charged income, $155,120, $200,745, $21,600 and $21,600 respectively, total, $399,067 for the "mains, pipes and connections" tax, together with the maximum interest penalty of 7 per cent ($96,159.29) on the taxes unpaid. This tax is for the most part an alternative tax on tangible property in streets and public places and is cancelled or reduced if the special franchise tax is paid in full. In 1918 the New Amsterdam paid $293,320.75 on account thereof, ($130,211.47 for 1918 and $163,109.28 for 1913-1917) exclusive of interest penalty. No other payments were made by these companies from 1916 to 1918. In 1915 the payments by Consolidated Companies amounted to $19,000 as against a levy of $265,000. At the 1915 tax settlement the Consolidated obtained an abatement on this tax for 1906-1912 from $722,000 to $1,000. Other companies, subsidiaries of the Consolidated, received similar abatements. Accordingly, revenue deductions have been overstated and profits understated.

(a) The preferred stock is 6% non-cumulative. No dividends were paid in 1918.
(b) The preferred stock is 5% non-cumulative. A 4 per cent diivdend was declared and paid in 1918. The remaining surplus for the year is here apportioned to the common stock.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT

Comparative Statement of Operations 1917 and 1918 compiled from the returns of the

CONSOLIDATED GAS COMPANY OF NEW YORK

N. B.—The figures given below for 1918 are subject to such correction as may be found necessary after critical examination of the return, which will be published in greater detail in the Annual Report of the Commission.

Items	Cents per M cu. ft. 1917	Cents per M cu. ft. (a)1918	Amount 1918	Increase or (D) decrease
Operating revenue (detail, page 2)	(b)87.03	89.22	$16,085,796.19	(b)$1,386,074.88
Operating expenses:				
Gas-making labor	2.21	2.49	$198,602.42	$36,828.04
Boiler fuel	2.38	5.43	433,682.82	259,698.41
Generator fuel	8.07	10.59	846,269.81	255,110.87
Gas coal	0.02	0.40	31,556.40	29,999.24
Water-gas oil	20.34	26.85	2,144,277.43	654,815.44
Coal-gas enricher	0.00	0.01	840.26	760.40
Gas storage	1.61	2.26	180,249.62	62,406.44
Other supplies and expenses	1.02	1.43	114,505.02	40,007.57
Repairs at works	1.95	2.25	180,033.91	36,981.55
Cost of mfg. gas and residuals	37.60	51.71	$4,130,017.69	$1,376,607.96
Less residuals produced	2.63	6.22	(c)496,893.46	304,005.63
Net cost of gas in holder	34.97	45.49	$3,633,124.23	$1,072,602.33
Gas made for associated companies — at cost Cr	34.03	40.15	107,287.92	59,999.23
Gas received from associated comanies.	50.00	59.74	6,909,987.84	1,335,893.37
Total production expenses	47.88	57.88	$10,435,824.15	$2,348,496.47
Distribution supplies and expenses	4.90	4.92	887,379.61	60,265.09
Distribution repairs	3.01	2.76	498,169.05 D	11,021.37
Municipal street lighting expenses	0.01	0.00	635.25 D	1,538.91
Commercial administration	4.31	4.37	788,074.73	61,001.56
Promotion of business	1.46	1.11	199,509.25 D	47,590.20
General exp. (excl. of depreciation)	6.12	5.58	1,004,962.24 D	28,177.09
General amortization	(d)3.00	3.00	540,877.35	34,145.43
Total operating expenses	70.69	79.62	$14,365,431.63	$2,415,581.08
Uncollectible operating revenue	0.25	0.53	95,330.22	53,316.86
Tax accruals (detail, page 2)	7.11	7.20	1,298,682.92	97,488.02

Items	Cents per M cu. ft. 1917	Cents per M cu. ft. (a)1918	Amount 1918	Increase or (D) decrease
Municipal rents	0.19	0.17	30,631.37 D	948.88
Joint facility rents	0.02	0.44	79,334.05	75,226.35
Miscellaneous rents	0.33	0.27	48,137.86 D	7,976.08
Total expenses, taxes, etc.	78.59	88.23	$15,907,548.05	$2,632,687.35
Non-operating revenue			(e)$7,482,615.56 D	(b)$107,676.92
Non-operating revenue deductions (taxes, $304,588.60; rent, $138.30)			304,726.90	(b) 21,877.95
Non-operating income			$7,177,888.66 D	$129,554.87
Operating income (revenue *less* expenses, taxes, etc.)			178,248.14 D	(b)1,246,612.87
Gross corporate income			$7,356,136.80 D	$1,376,167.74
Less interest charges (on funded debt, $1,486,409.88; on unfunded debt, $133,692.19; amortization of expense of sale of debentures, $2,383.92)			1,622,485.99	19,285.47
Net corporate income			$5,733,650.81 D	$1,395,453.21
Surplus at beginning of year			19,890,439.23	779,742.59
Surplus adjustments—net addition			(f) 59,832.24 D	1,422,514.53
Total			$25,683,922.28 D	$2,038,225.15
Dividends 7% (5¼% on $99,816,500 and 1¾% on $100,253,000)			6,994,793.75	7,638.75
Appropriations to "Contingency" (d)			..... D	844,553.20
Surplus at close of year			$18,689,128.53 D	$1,201,310.70

PUBLIC SERVICE COMMISSION, FIRST DISTRICT,
Bureau of Statistics and Accounts,
A. F. WEBER,
Chief Statistician
May 5, 1919

CONSOLIDATED GAS COMPANY OF NEW YORK—2

Sales of Gas, 1918

M cu. ft. delivered		Net amount of revenue	Increase or (D) decrease
469.1 at 75¢	Municipal street lighting	$351.87 D	$6,143.45
116,985.5 at 75¢	Lighting municipal buildings	87,739.11 D	6,826.81
3,108,439.9 at 80¢	Prepaid gas	2,476,027.97	281,897.23
14,803,350.5 at 80¢	Commercial metered lighting	11,842,103.52	637,912.84
18,029,245.0	Total sales	$14,406,222.47	$906,839.81
Commissions on others' gas	$10,728.79		
Rent of gas appliances	963,511.21		
Gas merchandise and jobbing	214,517.38		
Joint gas rent revenue	219,780.74		
Other miscellaneous (b)	271,035.60	1,679,573.72	(b)479,234.67
Total operating revenue		$16,085,796.19	(b)$1,386,074.48

TAXES

Items	Assessed	Charged to income	Paid	Due and unpaid
Real estate ..(g)	$544,063.70	$539,272.90	$536,391.74	$30,114.82
Mains, pipes and connections (h)	155,122.20	155,122.20	.....	782,034.39
Special franchise	384,297.90	384,297.90	253,256.78	641,195.41
Personal property	23,300.00	23,300.00	22,314.82	985.18
Gross earnings—State	117,270.90	117,270.90	112,694.10	.....
Excess dividends—State	89,834.85	89,834.85	89,834.85	.....
Income—Federal	277,350.86	277,350.86	297,350.86	.....
Capital stock—Federal	73,678.00	73,678.00	73,678.00	.....
Total	$1,664,918.41	(i)$1,660,127.61	$1,385,471.15	(j)$1,454,330.00

MANUFACTURING PLANTS

Water gas works	Water gas sets	Daily cap. (M cu. ft.)	Max day's make	Total gas made
21st St. & East River	14	28,500	32,343	6,653,374
99th St. & East River	4	5,500	6,796	1,326,729
Total	18	34,000	.....	7,980,103

Coal gas works	Benches	Retorts			
14th St. & East River.....	144	864	5,000	931	18,872
42nd St. & North River.....	100	620	4,500	892	14,794
Total	244	1,484	9,500	....	33,666

Other facilities.—Number of holders (inclusive of 3 relief holders), 31; capacity, 49,660 M cu. ft. Length of mains, 844,030 miles; net increase, 1,821 miles. Number of services, 67,986; net decrease, 455. Number of meters owned, 553,055; net decrease, 1,718. Number of consumers (active meters, including 124 in company service and excluding 29,650 set but locked or cut out), 501,120; decrease, 1,446. Number of street lamps, open flame, none; decrease, 199.

Gas made, bought and sold (M cu. ft.).—On hand Jan. 1, 1918, 28,545; made, 7,987,405 (coal gas, 33,666; water gas, 7,980,103 less loss in gas volume, 26,364); purchased, 9,645,584.4; received under agency agreement, 1,922,066.8; sold, 18,029,245; supplies to other companies under agency agreement, 267,201.3; used, 67,427.8; unaccounted for, 1,180,099.1; on hand Dec. 31, 1918, 39,628.

Materials consumed (@ 2,000 lbs.).—Boiler fuel, 23,810.5 t. of coal; 2,773.5 t. of coke; 4,720,960 gals. of water gas tar. Gas coal carbonized, 3,964 t.; fuel under retorts, 1,546 t. of coke. Generator fuel, 127,714.9 t. of coal; 3,297 t. of coke. Gas oil, 33,021,440 gals. at an average price of 6.49 cents; price paid for oil, 6.5 cents per gal. plus harbor transportation charges under contract for 1918 for 122,000,000 gals. embracing the Consolidated system. Deliveries during the year under 1918 contract, 121,425,181 gals.; under 1917 contract (at 5¢ per gal.), 68,335.

Residuals.—Coke: Made during year (short tons), 2,670.7; sold, 766.2; receipts from sales, $3,585.28; residual expense, $1,592.72. Coal-gas tar: made, 46,381 gals.; sold, 48,169 gals.; receipts from sales, $1,705.45. Water-gas tar: made, 5,428,592 gals.; sold, 847,820 gals.; receipts from sales, $50,869.20; residual expense, $1,084.54. Receipts from sales of other residuals, $88,218.08; other residual expense, $500.16.

Employees and wages.—Number of general officers, 11; salaries, $133,540.41; number of employees, second week in December: Full-time, 2688; part-time, 235. Total compensation paid to officers and employees during year, $3,626,253.88, whereof identified as charged to operating expenses, $2,710,354.18; fixed capital, $87,417.86; suspense and other accounts, $828,481.84.

Explanatory Notes

(a) Revenue, total production expense and following items divided by 18,029,245 M cu. ft. sold; manufacturing costs by 7,987,405 M cu. ft. made.
(b) The $51,569.27 interest on insurance participation certificates and on bank balances improperly included by company in operating revenue in 1917 is here treated as non-operating income in agreement with company's 1918 practice.
(c) Includes credits for "Gas production undistributed adjustments," steam, $57,122.74; gas, $11,644.24.
(d) The company makes no charge to the prescribed operating expense account General Amortization and no credits to the prescribed account Accrued Amortization of Capital. Instead it has included in operating expenses without authority from the Commission the item "Renewals and replacements—Plant withdrawn from service." This year the company did not make the usual appropriation of 5¢ per M cu. ft. to "Contingency" reserve.
(e) Consists of revenue from associated companies $7,227,713.43 (dividends, $5,418,880; interest on bonds, $532,680; on notes and loans, $60,748.78; on advances $1,135,453.82; on unpaid coupons of United Electric Light and Power $79,950.83), interest on real estate mortgage, $7,875; on special deposit National City Company, $131,184.64; other interest, $102,078.13; rent, $13,764.36.
(f) *Debits:* Appropriation to United War Work Campaign, $31,250; net adjustment for gas transferred between respondent and New Amsterdam Gas in 1916 and 1917, $19,042.07; miscellaneous items applicable to former years $15,791.94.
Credits: Received from City of New York for repavement over-charges less expenses, $51,400.58; profit on coal sold, $71,871.78; penalty obtained for nonfulfillment of coke contract, $2,508.64; other additions, $55.25.
(g) Includes $4,790.80 charged to accounts receivable.
(h) Liability nominal.
(i) Includes non-operating taxes, $304,588.60 (real estate $13,452; federal income $242,265.98; federal capital stock, $48,870.62); also "Miscellaneous operating revenue deductions," $56,856.09.
(j) Exclusive of accrued interest, $294,266.71. There accrued and was charged to income during the year, $80,833.85 for interest on unpaid taxes.

	Total compensation	Distribution		
		Expense	Revenue	Rent deductions
Gas received from—				
Astoria Light, Heat and Power Co. (9,645,584,400 cu. ft.)				
Labor and materials	$4,811,664.53	Dr$4,811,664.53	.....	.....
Cents per M	(49.88)	(49.88)	.....	.....
Return upon investment	1,189,359.17	Dr 1,189,359.17	.....	.....
Cents per M	(12.33)	(12.33)	.....	.....
Total	$6,001,023.70	Dr$6,001,023.70	.....	.....
Cents per M	(62.21)	(62.21)	.....	.....
New York Mutual Gas Light Co. (1,277,804,300 cu. ft.)				
Labor and material, plus 10 per cent	$614,073.76	Dr $614,073.76	.....	.....
Cents per M	(48.06)	(48.06)	.....	.....
Use of manufacturing plant capacity	75,226.35	.....	.....	Dr$75,226.35
Cents per M	(5.88)	.....	.....	(5.88)
Total	$689,300.11	Dr $614,073.76	.....	Dr$75,226.35
Cents per M	(53.94)	(48.06)	.....	(5.88)
Standard Gas Light Co. (88,373,200 cu. ft.)				
Labor and materials, plus 10 per cent	$39,481.35	Dr$39,481.35	.....	.....
Cents per M	(44.68)	(44.68)	.....	.....
New Amsterdam Gas Co. (555,889,300 cu. ft.)				
Labor and material, plus 10 per cent	$255,409.03	Dr $255,409.03	.....	.....
Cents per M	(45.95)	(45.95)	.....	.....
Total purchases (11,567,651,200 cu. ft.)	$6,985,214.19	Dr$6,909,967.84	.....	Dr$75,226.35
Cents per M	(60.39)	(59.74)	.....	(0.65)

Gas supplied to—				
Standard Gas Light Co. (116,239,800 cu. ft.)				
Labor and material, plus 10 per cent	$49,443.82	Cr $44,948.93	Cr $4,494.89	.....
Cents per M	(42.54)	(38.67)	(3.87)	.....
New Amsterdam Gas Co. (150,961,500 cu. ft.)	$68,572.89	Cr $62,338.99	Cr $6,233.90	.....
Cents per M	(45.42)	(41.29)	(4.13)	.....
Total delivered (267,201,300 cu. ft.)	$118,016.71	Cr $107,287.92	Cr$10,728.79	.....
Cents per M	(44.17)	(40.15)	(4.02)	.....
Other joint facility rents.				
Standard Gas Light Co.				
Use of boiler and governor house, 62nd St	$4,107.70	.....	.....	Dr $4,107.70
Use of connecting main in Manh. & Bronx	574.10	.....	Cr $574.10	.....
Astoria Light Heat and Power Co.				
Use of land and hoisting apparatus, E. 21st, E. 111th and W. 42nd St stations	26,000.00	.....	Cr 26,000.00	.....
New Amsterdam Gas Co.				
Use of 48" connecting main in Manh. & Bronx	24,282.29	.....	Cr 24,282.29	.....
Central Union Gas Co.				
Use of 48" connecting main in Manh. & Bronx	16,691.42	.....	Cr 16,691.42	.....
Use of 30" transfer main in Bronx	51,298.49	.....	Cr 51,298.49	.....
Use of 36" distribution main in Bronx	35,475.00	.....	Cr 35,475.00	.....
Use of land, holders and accessories, Kingsbridge Sta	60,970.00	.....	Cr 60,970.00	.....
Use of small mains in Bronx	4,489.44	.....	Cr 4,489.44	.....
Total joint facility rents	$223,888.44	.....	Cr$219,780.74	Dr $4,107.70

COMPLAINANT'S EXHIBIT 462.

Gulf Refining Company
Frick Building Annex

Petroleum
and its products

Pittsburgh, Pa.

July 26th, 1918.

Mr. J. L. RICHARDS,
The Boston Consolidated Gas Co.,
111 Devonshire St.,
Boston, Mass.

Dear Sir:—

Confirming our conversation in New York regarding Gas Oil for your Boston works.

It is understood that your contract with us covers a maximum of 14,000,000 gallons for each fiscal year. We will undertake to deliver oil to you as rapidly as possible to meet your requirements and any oil we deliver in excess of the 14,000,000 gallons we will render you a bill at the end of the fiscal year for the difference between the contract price and 8-¾c. per gallon the present market price delivered into your tanks. This price to rule on the excess delivered provided delivery is made by barge or by vessel. However, if shipments are made by rail then the price will be on the basis of 8-½c. per gallon f.o.b. cars at our terminals at Beverly, Mass., your company paying the rail freight.

As explained to you it may not be possible for us to make deliveries of Gas Oil out of our stocks at Beverly for the reason that we carry there what we call 30 Gravity Gas Oil which is simply reduced crude made to suit the Navy Specifications. This oil is being used by the United Gas Improvement Co., Philadelphia, and the Public Service Corporation of N. J. exclusively and seems to give entire satisfaction. It is also used by the Providence Gas Co., and on one occasion at least I think we delivered your company something like 10,000 barrels out of our Beverly stock. The specifications written by the U. G. I are as follows:

Mr. J. L. Richards;—

> "85% shall distill off between 400° and 700° F.; sulphur content not to exceed ½ of 1% and the coke content not to be more than 4% nor less than 2%."

Of course in taking oil in excess of your contract it will be necessary for you to take whatever oil is available and at this time I believe you will agree with me that none of us can afford to quibble about specifications or technicalities of any kind. However, if your practical people reject the oil, then

we simply will not ship it and you can get your excess requirements elsewhere.

I will be glad if you will write me a letter confirming the prices mentioned above are in order for any deliveries in excess of our contract.

Yours very truly,
G. R. NUTTY,
Vice President.

GRN/c

COMPLAINANT'S EXHIBIT 463.

August 7, 1918.

MR. G. R. NUTTY, Vice President,
Gulf Refining Company,
Pittsburgh, Pa.

Dear Sir:

Referring again to your letter of July 26th, which I originally acknowledged on the 5th of August, I confirm the arrangement as stated in yours of the 26th regarding your Company furnishing any oil which we may require for the year ending April 1, 1919, in addition to the 14,000,000 gallons which you are to furnish us under the existing contract, it being understood that the Consolidated Company will accept oil in accordance with the specifications referred to in your letter mentioned above, and pay for same at the rate of 8¾% per gallon per vessel deliveries.

Yours truly,
BOSTON CONSOLIDATED GAS CO.,
Chairman Board of Directors.

COMPLAINANT'S EXHIBIT 464

Gulf Refining Company
Rico Building
10 High Street,

Petroleum
And its products.

Boston, Mass. December 8th 1919

MR. DANA D. BARNUM, Vice President,
Boston Consolidated Gas Company
24 West Street, Boston, Mass.

Dear Sir:

Confirming our conversation this morning in reference to your Gas Oil contract with us, under which you are covered for a maximum of 14,000,000 gallons for the fiscal year ending April 1st, 1920:

It is evident that at the rate we are delivering, your requirements will be considerable in excess of the 14,000,000 gallons. We will undertake to deliver to you as rapidly as possible to

meet your needs, and any oil we deliver in excess of the contract quantity we will bill to you at 7-½c. per gallon by Tank Steamer, with the usual differential if delivery is made by Barge.

Owing to the present scarcity of ocean tonnage, it will be necessary for you to take some of our lower gravity Gas Oil, which will conform to present U. G. I. Specifications, which are as follows:—

At least 70% shall distill over below 700° F.
Sulphur shall not exceed ¾ of 1%.
Coke Residum shall not exceed 3%.

This arrangement, we understand, meets with your approval.

We will do everything we can to speed up deliveries as we appreciate the desirability from your standpoint of building up your stocks as much as possible at this season of the year.

Please let me hear from you at your early convenience advising whether or not the above is in accordance with your understanding.

Yours very truly,
F. N. EISENMAN.
District Sales Manager.

COMPLAINANT'S EXHIBIT 465

December 9, 1919

MR. F. N. EISEMAN,
Gulf Refining Company,
10 High Street,
Boston, Mass.

Dear Sir:

I have your letter of December 8th, confirming our conversation of same date, in regard to supply of oil over and above our contract for fourteen million gallons for the fiscal year.

This letter is in agreement with my understanding of the arrangement arrived at yesterday.

As I explained to you at the conference, it is very necessary that we have the transfer of oil from Beverly to Commercial Point immediately, and also that you be prepared to transfer oil from Beverly to Everett between now and December 24th, in case the tank steamer "Carrier" is for any reason delayed. The amount of oil we have on hand at Commercial Point and Everett is only such as will meet our demands up to and including December 27th.

I understand you are arranging for an extra tank steamer to arrive on or before January 1st.

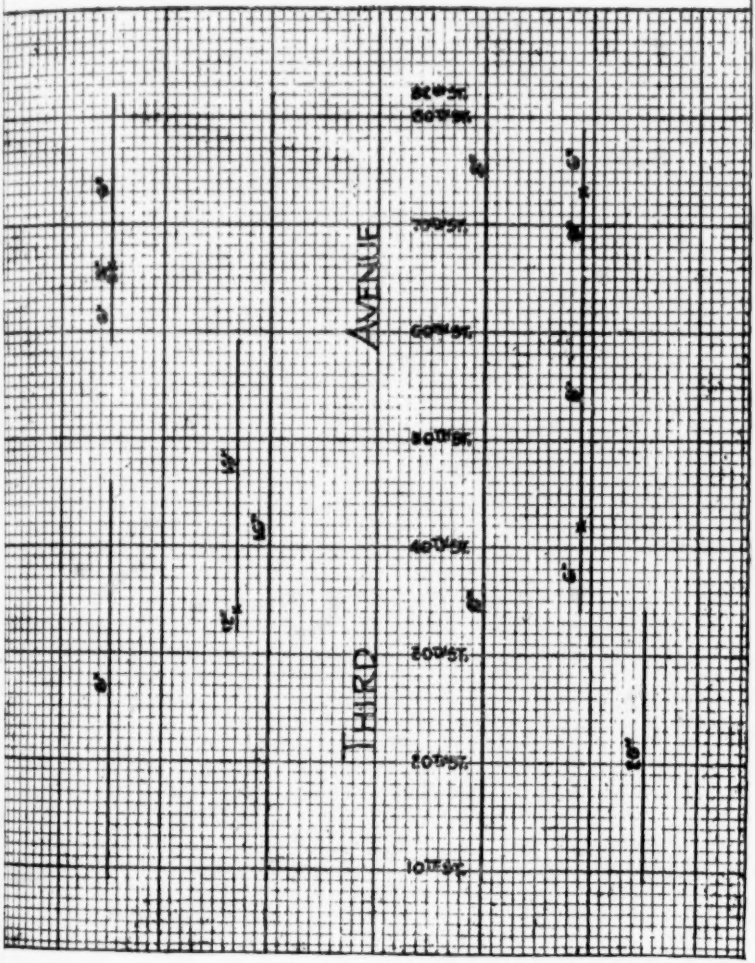
Yours truly,
Vice President

COMPLAINANT'S EXHIBIT 466.

Diagram showing gas mains of Consolidated Gas Company in Third Avenue from 9th to 82nd Sts.

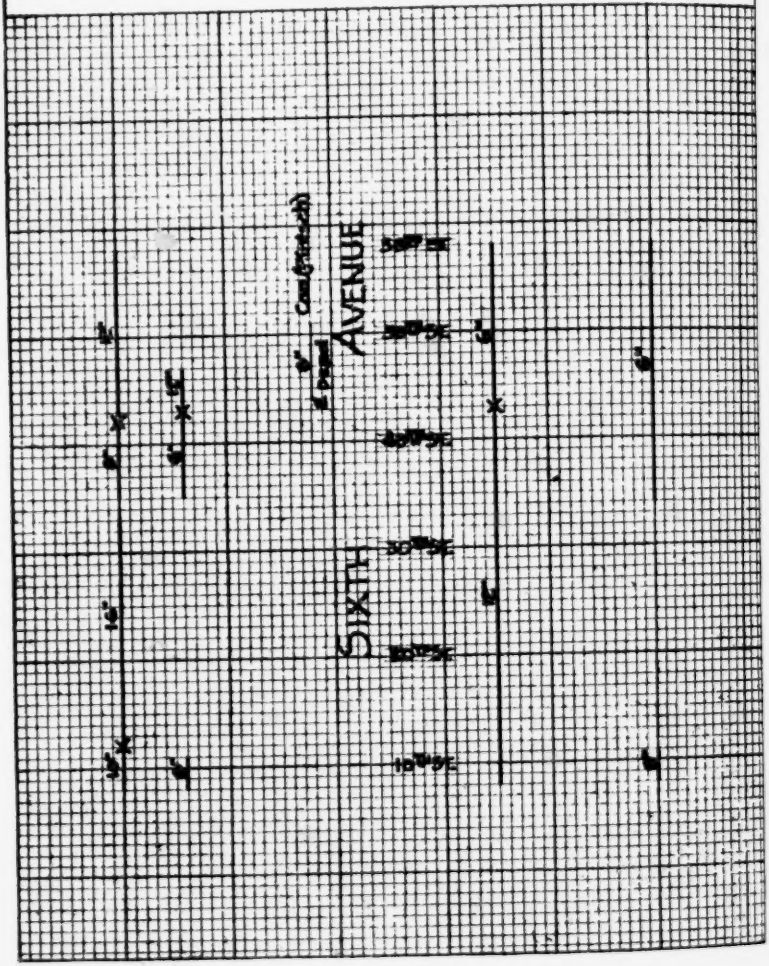
Con. Gas Co. Complainant's Exhibit 4 66 1.

Diagram showing gas mains of Consolidated Company in Third Avenue from 59th to 82nd Sts.



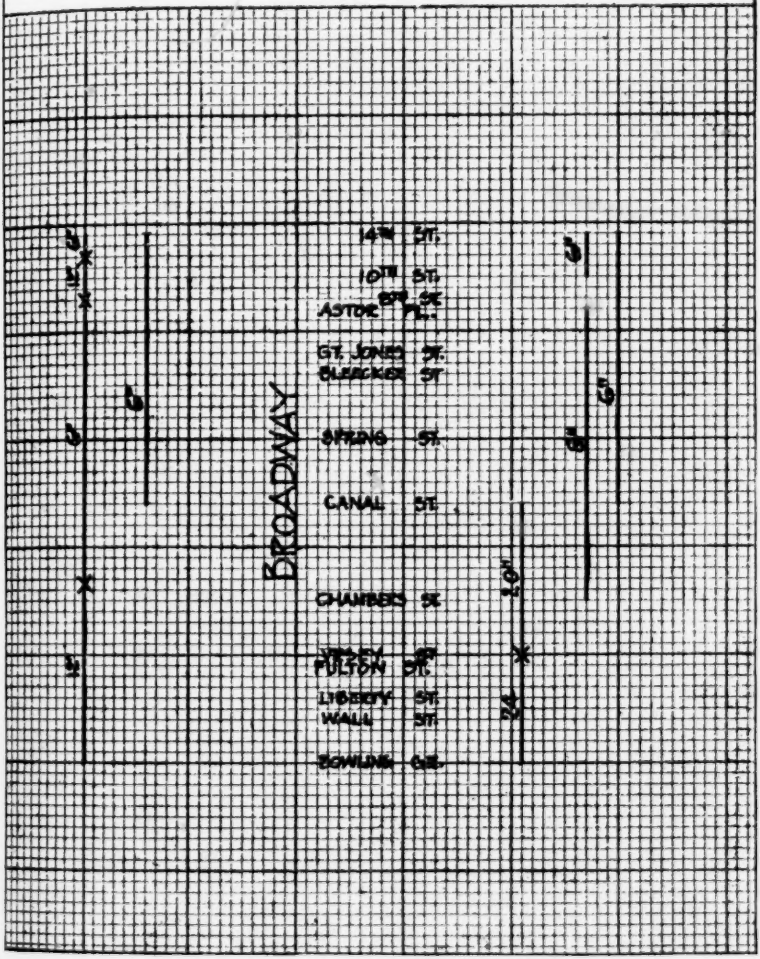
Con. Gas Co.

Diagram showing gas mains of Consolidated Company in Sixth Avenue from 8TH to 58TH Sts.



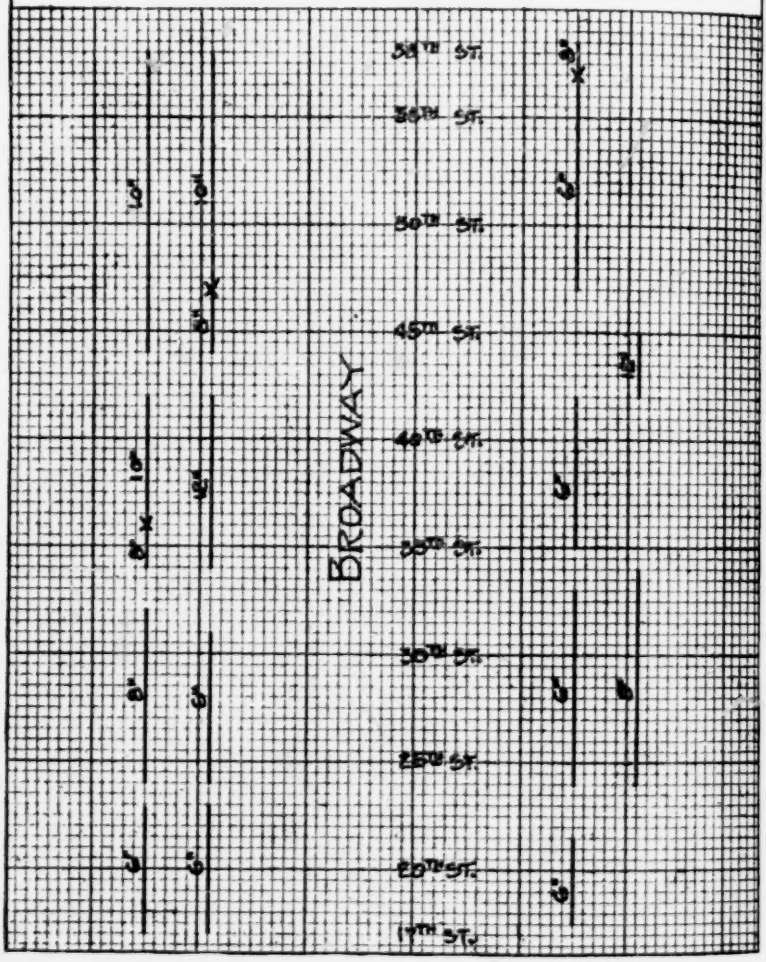
Con. Gas Co.

Diagram showing gas mains of Consolidated Company in Broadway from Bowling Green to 14th St.



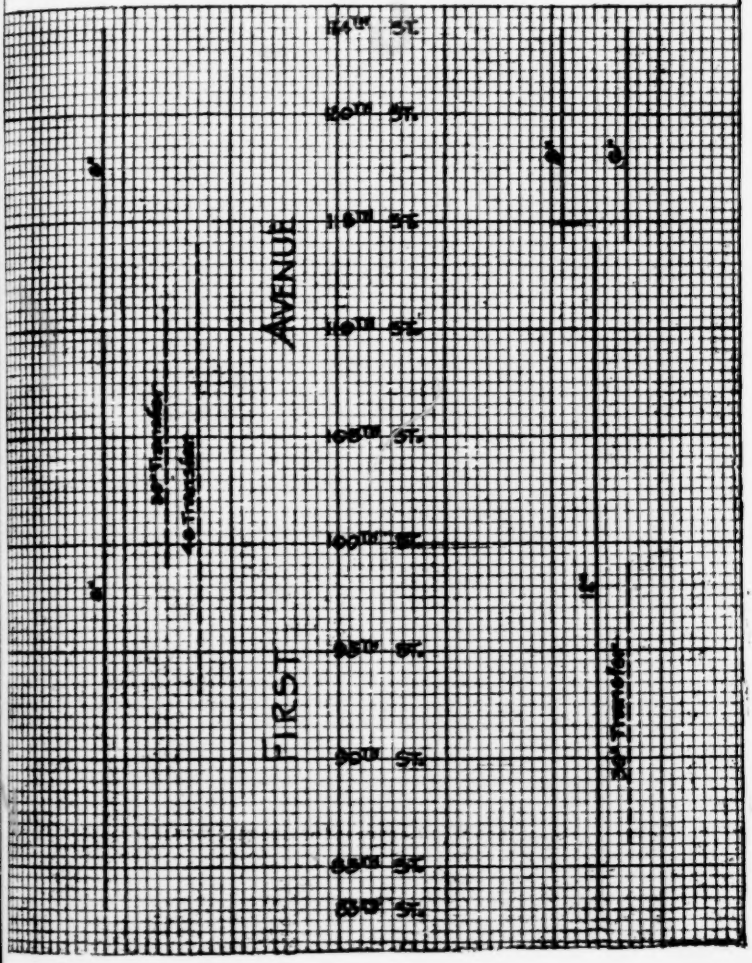
Con. Gas Co.

Diagram showing gas mains of Consolidated Company in Broadway from 17th to 58th Sts.



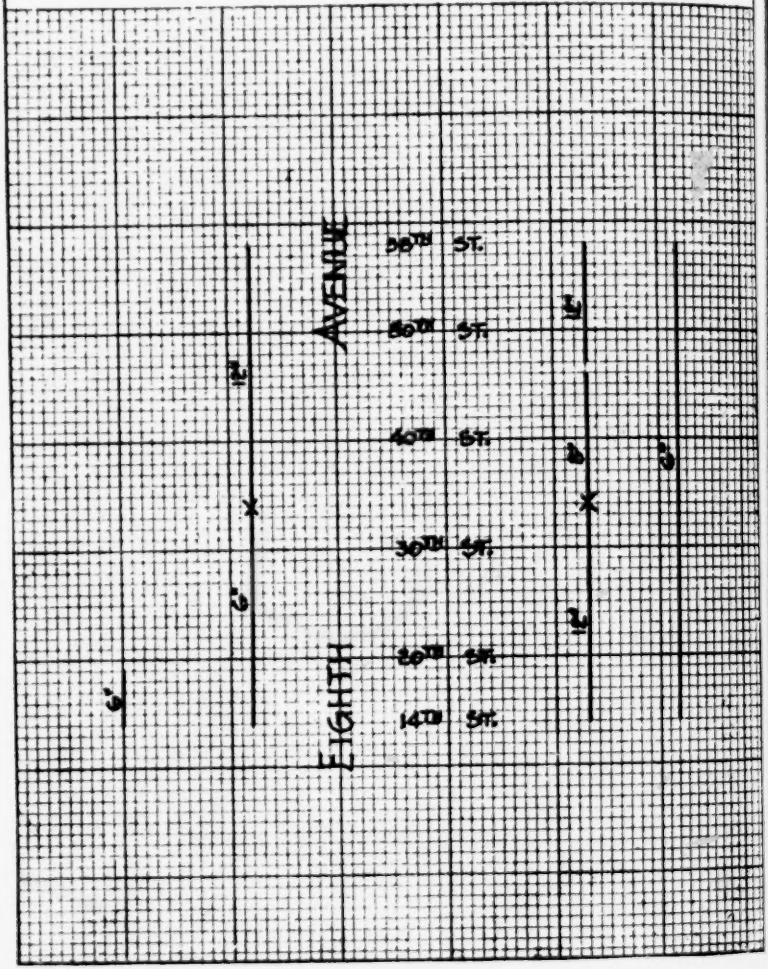
Con. Gas Co.

Diagram showing gas mains of Consolidated Company in First Avenue from 83rd to 124th Sts.



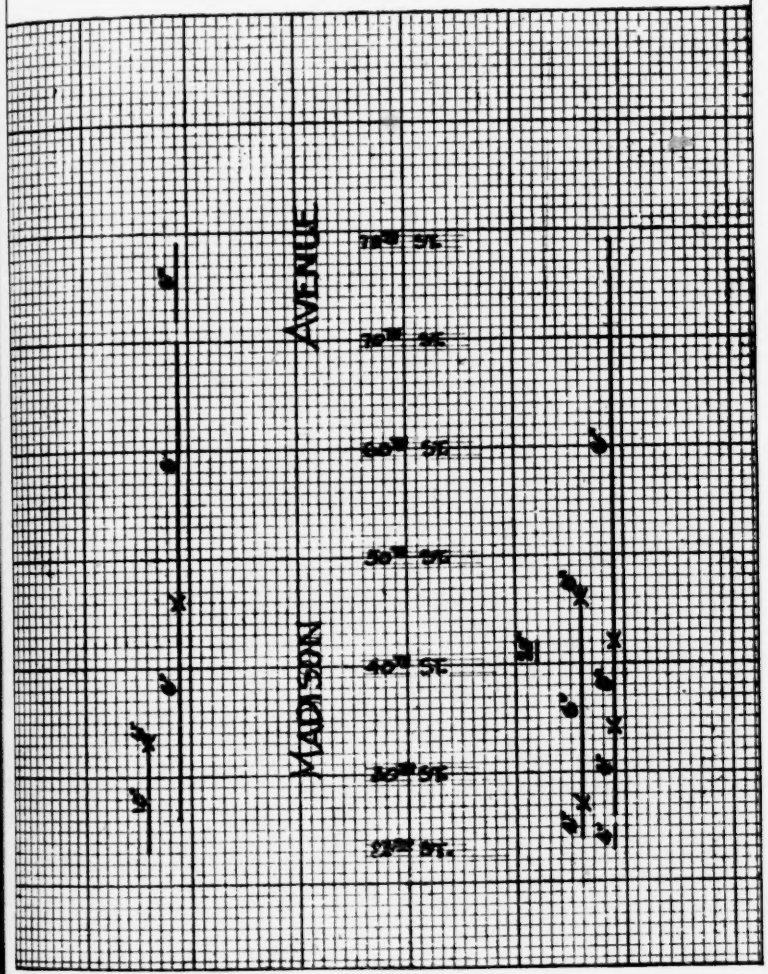
Con. Gas Co.

Diagram showing gas mains of Consolidated Company in Eighth Avenue from 14th to 58th Sts.



Con Gas Co.

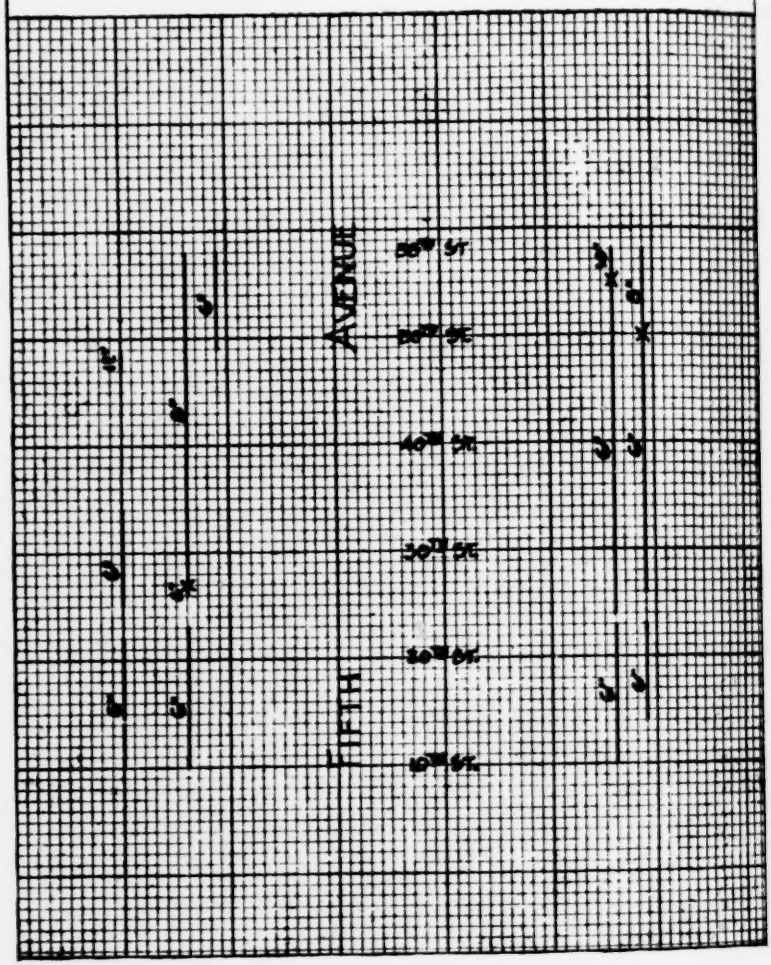
Diagram showing gas mains of Consolidated Company in Madison Avenue from 23rd to 79th Sts.



Con. Gas Co.

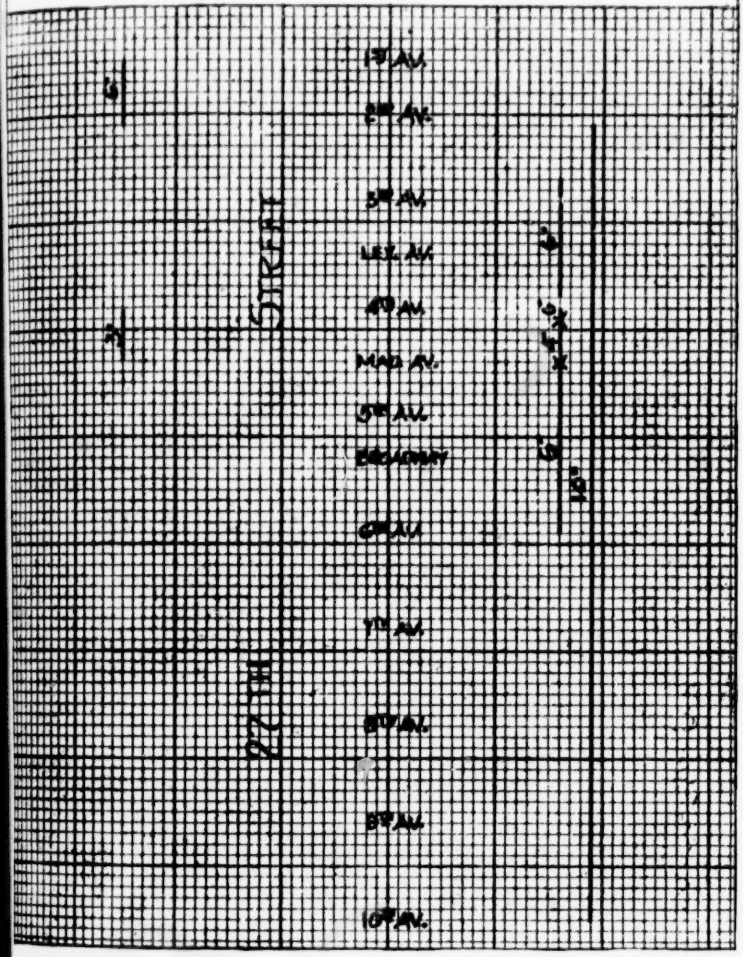
8

Diagram showing gas mains of Consolidated Company in Fifth Avenue from 10TH to 58TH Sts.



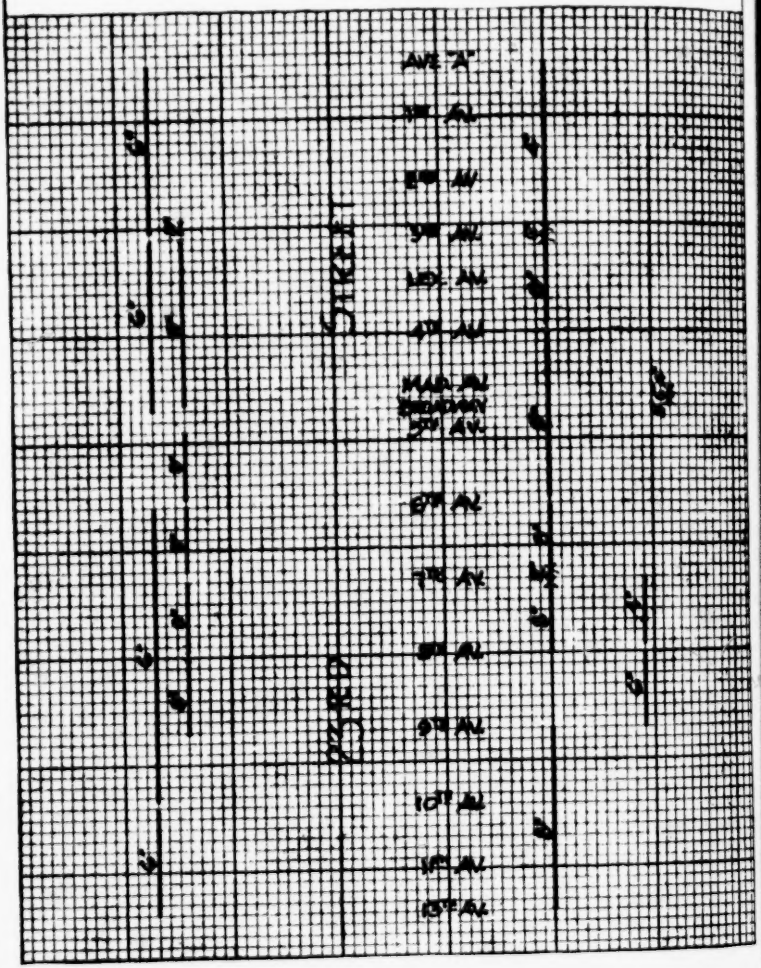
Con. Gas Co. 9.

Diagram showing gas mains of Consolidated Company in 27th St., from 1st to 10th Aves.



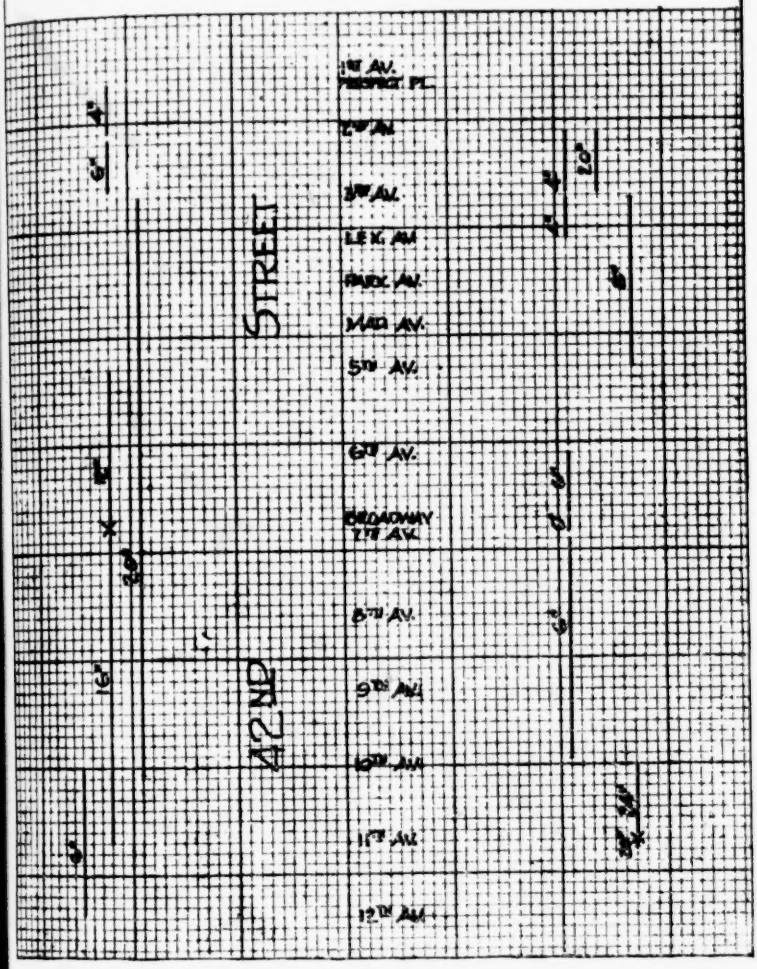
Con. Gas Co.

Diagram showing gas mains of Consolidated Company in 23RD St, from Avenue "A" to 13TH Av.



Con. Gas Co.

Diagram showing gas mains of Consolidated Company in 42ND St., from 1ST AVE., to 12TH AVE.



Authorized Capital Stock, as per terms of agreement of Consolidation 45,000,000

Apportioned as follows, viz.

The New York Gas Light Co	7,821,000
The Manhattan Gas Light Co	12,352,000
The Metropolitan Gas Light Co	7,422,000
The New York Mutual Gas Light Co	5,922,000
The Municipal Gas Light Co	5,276,000
The Knickerbocker Gas Light Co	3,104,000
The Harlem Gas Light Co	3,103,000

From the Amount of Authorized Capital, $45,000,000, there is deducted the amount apportioned to The New York Mutual Gas Light Company (which failed to comply with the conditions of the agreement to consolidate) 5,922,000

Leaving the Authorized Capital Stock of the Consolidated Gas Co. 39,078,000

Of this amount of Authorized Capital ($39,078,000), the conditions of the agreement to consolidate, provides that there shall be allotted to the stockholders of

The New York Gas Light Co	75,600	shares,	par	value	7,560,000
The Manhattan Gas Light Co	119,400	do	do	do	11,940,000
The Metropolitan Gas Light Co	71,750	do	do	do	7,175,000
The Municipal Gas Light Co	51,000	do	do	do	5,100,000
The Knickerbocker Gas Light Co	30,000	do	do	do	3,000,000
The Harlem Gas Light Co	30,000	do	do	do	3,000,000
Total of	377,750	do	do	do	37,775,000

as representing the value of the property of each of the said Companies, transferred to the Consolidated Company, as detailed in Schedules as follows, viz.:

	Mains	Meters	Services	Plant	Real Estate	Piers, Bulkheads and Water Rights	Office Buildings	Office Furniture	Laboratory, &c.	Franchises	Totals
N. Y. Gas Lt. Co.	950,000	215,000	127,000	2,874,000	1,607,000	250,000	100,000	15,000	5,000	1,417,000	7,560,000
Manhattan Co.	1,083,000	367,000	350,000	3,623,000	3,563,000	425,000	175,000	20,000	5,000	2,329,000	11,940,000
Metropolitan Co.	971,000	273,000	233,000	2,044,000	1,474,000	300,000	.....	12,000	5,000	1,863,000	7,175,000
Municipal Co.	749,000	158,000	103,000	1,804,000	889,000	200,000	.....	16,000	6,000	1,175,000	5,100,000
Knickerbocker Co.	744,000	69,000	81,000	980,000	480,000	115,000	.....	2,000	1,000	528,000	3,000,000
Harlem Co.	720,000	113,000	111,000	826,000	604,000	100,000	50,000	5,000	2,000	469,000	3,000,000
Totals	5,217,000	1,195,000	1,005,000	12,151,000	8,617,000	1,390,000	325,000	70,000	24,000	7,781,000	37,775,000

Deducting this amount of Stock allotted as aforesaid for value of property, &c., transferred to "Consolidated" Co. 37,775,000

Leaves available as working capital* 1,303,000

*The Agreement of Consolidation provides that out of the Capital Stock of $45,000,000 there shall be set apart for working capital $1,500,000. This amount was apportioned among the Cos. as follows: N. Y. Co., $261,000; Manhattan Co., $412,000; Metrop. Co., $247,000; N. Y. Mut. Co., $197,000; Municipal Co., $176,000; Knickerbocker Co., $104,000; Harlem Co., $103,000. The failure of the N. Y. Mut. Co. to enter the Consolidated Co. reduces the amt. of working capital $197,000 (their apportionment of same).

The agreed value of the property transferred by the various companies forming the Consolidated Gas Co. ($37,775,000.) represents the gross value, without deduction for Bonded Debt, Bonds and Mortgages, or other outstanding obligations, which by the conditions of the agreement of consolidation are assumed by the Consolidated Co.

The Amount of such outstanding Bonds, Bonds and Mortgages and other obligations (the payment of which is assumed by the "Consolidated Co.") is $2,329,000.— made up of the following items, viz:

	Bonds & Mortgages	Bonds	Notes & other Obligations	Totals
"New York Co."	6,000	.....	.....	6,000
"Metropolitan Co."	30,000	658,000	.....	688,000
"Municipal Co."	2,000	291,000	35,000	328,000
"Knickerbocker Co."	.....	687,000	450,000	1,137,000
"Harlem Co."	.....	170,000	.....	170,000
Totals	38,000	1,806,000	485,000	2,329,000

From the amount of Capital Stock allotted to each Company, there is to be retained an amount equal to the indebtedness (of such Company) which is assumed by the Consolidated Gas Co. on their account.

The following table will show the adjustment of the original valuations, with the deductions from the same for outstanding indebtedness, and the amount of Stock to which each company is entitled after retaining the several amounts to cover outstanding indebtedness.

	For Gross Value of Property	Deductions for Outstanding Debts	Amount of Stock to be issued
New York Co.	7,560,000	6,000	7,554,000
Manhattan Co.	11,940,000	.....	11,940,000
Metropolitan Co.	7,175,000	688,000	6,487,000
Municipal Co.	5,100,000	328,000	4,772,000
Knickerbocker Co.	3,000,000	1,137,000	1,863,000
Harlem Co.	3,000,000	170,000	2,830,000
	37,775,000	2,329,000	35,446,000

The foregoing Tables were modified in the following respect, viz: The Municipal Gas Light Company by reason of an assignment from and by the Knickerbocker Gas Light Company to them became entitled to receive the $1,863,000 of Stock to be issued to the said Knickerbocker Company making the amount of Stock to which the Municipal Gas Light Company was entitled $6,635,000. Of this last mentioned amount the Consolidated Gas Company retained $35,000 to provide means to pay indebtedness or obligations of the Municipal Gas Light Company of that amount.

The Mortgage Debt of $6,000 on the property of The New York Gas Light Company was provided for by the payment by that Company of $6,000 in cash to the Consolidated Gas Company. To the Metropolitan Gas Light Company there was issued $13,000, or 130 Shares, and to the Harlem Gas Light Company $60, or 60/100ths of a share, which amounts were charged to these two Companies respectively in their accounts with the Consolidated Gas Company.

These modifications left the issue of Stock to stand as follows, viz:

Company	Amount issued
The New York Gas Light Company	$7,360,000 —
The Manhattan Gas Light Company	11,940,000 —
The Metropolitan Gas Light Company	6,500,000 —
The Municipal Gas Light Company	6,600,000 —
The Harlem Gas Light Company	2,830,060 —
Total	$35,430,060 —

Schedule of Items the Consolidating Companies Coal and other Supplies and Appliances on hand at the time of consolidation, and not included in the Schedules furnished for previous valuations, or any portion of the same. The value at which was determined by the Adjusting Committee, and the property transferred to the new Corporation by the Consolidating Companies, as follows, viz:

Description of Property	New York Company	Manhattan Company	Metropolitan Company	Municipal Company	Knickerbocker Company	Harlem Company	Totals
Amounts due by Consumers (for Gas)	164,016.19	334,500.80	.....	196,233.24	40,943.44	79,982.89	815,676.56
Services laid (since June 1st, 1884)	2,324.00	3,140.73	3,749.00	2,172.00	2,765.00	4,406.00	18,556.73
Meters in Stock, and Meters set (since June 1st/84)	6,183.65	4,917.65	10,301.41	5,126.13	1,636.07	8,589.07	36,753.98
Gas Material—Coal	11,840.60	240,371.32	83,657.57	9,418.50	510.30	44,852.10	390,650.39
Wood	462.50	.....	.....	968.75	543.75	.....	1,975.00
Naphtha	6,702.72	.....	1,949.24	3,327.08	4,274.80	.....	16,252.84
Lime	1,332.00	576.64	468.00	350.46	700.02	773.00	4,200.12
Iron Oxide, Ore & Borings	1,510.00	.....	.....	.....	.....	1,600.00	3,110.00
Bone Black	2,100.00	.....	.....	.....	2,074.98	.....	4,174.98
Coke	3,190.50	2,225.00	.....	.....	6.75	1,795.00	7,217.25
Oils, Cotton Waste, &c.	321.15	.....	.....	178.95	208.72	.....	708.82
Turfa	.....	.....	.....	.....	348.00	.....	348.00
Gas on hand in holders	3,872.00	2,614.00	1,609.00	2,620.00	814.00	787.17	12,316.17
Gas not indexed	.....	5,744.80	.....	7,129.12	911.72	.....	13,785.64
Pipe and Castings (for Mains)	6,797.21	.....	40,683.67	14,747.11	20,007.51	6,162.93	88,398.43
Service Pipe & Fittings	4,490.43	1,776.20	1,197.34	1,408.05	13.12	1,799.54	10,684.68
Meter Cocks, Lead Connections, &c.	3,429.47	1,607.31	817.24	977.39	4,220.53	874.59	11,926.53
Meter Repairing Materials	106.46	.....	662.33	.....	.....	.....	768.79
Burners, Small Fittings, Alcohol, &c., &c.	1,292.94	149.40	.....	344.03	.....	142.56	1,928.93
Materials on hand for Repairs	16,216.33	10,489.92	11,942.91	3,501.17	1,241.53	2,384.07	45,775.93
Gas Stoves	818.50	.....	99.65	217.89	120.41	.....	1,256.45
Supplies on hand, Office, Stables, &c.	2,480.55	2,237.50	1,200.00	1,180.28	442.99	1,420.17	8,961.49
Amounts due for Work done, &c., &c.	674.20	7,773.97	.....	.....	.....	741.13	9,189.30
Street Lamp Supplies and Painting	1,280.81	713.68	493.47 } 2,013.54 }	.....	.....	366.69 } 595.80 }	5,363.99
Insurance Premiums (unexpired)	94.16	78.75	96.96	1,574.18	616.59	.....	2,460.64
Water Rates (paid in advance)	.....	393.90	224.57	120.89	85.95	84.53	909.84
Construction Material for and Imprints made	.....	1,429.21	.....	5,125.00	937.20	.....	7,491.41
Mains laid (since June 1st, 1884)	.....	.....	10,738.10	.....	2,139.10	4,084.90	16,962.10
Tools and Implements	.....	.....	1,876.43	62.52	1,025.65	309.10	3,273.70
Horses, Wagons and Harness	.....	.....	.....	740.00	.....	375.00	1,115.00
Rents rec'd in Advance & Rents acc'd but not rec'd.	.....	.....	.....	56.67	79.99	.....	136.66
Totals	241,435.37	620,740.78	173,780.43	257,579.41	86,668.12	162,126.24	1,542,330.35

		Sundries. Dr. To The New York Gas Light Co. 234		.....	.....	110	7,560,000
		For Value of property transferred to Consol. Co., as per their description in Schedule filed by them, viz.:					
		1 Real Estate	1	1,607,000	.....		.....
		3 Bulkheads, Piers and Water Rights	1	250,000	.....		.....
		3 Office Building	1	100,000	.....		.....
		4 Plant	2	2,874,000	.....		.....
		8 Laboratory	3	5,000	.....		.....
		13 Mains	7	950,000	.....		.....
		20 Meters	15	215,000	.....		.....
		31 Services	23	127,000	.....		.....
		39 Office Furniture, &c	27	15,000	.....		.....
		42 Franchises	1	1,417,000	7,560,000		.....
		Sundries. Dr. To The Manhattan Gas Lt. Co. 235		.....	.....		11,940,000
		For Value of property transferred to the Consolidated Gas Co., as per their description in Schedule filed by them, viz.:					
		1 Real Estate	1	3,563,000	.....		.....
		3 Bulkheads, Piers and Water Rights	1	425,000	.....		.....
		3 Office Building	1	175,000	.....		.....
		4 Plant	2	3,623,000	.....		.....
		8 Laboratory	2	5,000	.....		.....
		13 Mains	11	1,083,000	.....		.....
		20 Meters	19	367,000	.....		.....
		31 Services	27	350,000	.....		.....
		39 Office Furniture, &c	31	20,000	.....		.....
		42 Franchises	1	2,329,000	11,940,000		.....
110	7,560,000	Sundries. Dr. To The Metropolitan Gas Light Co. 236		.....	.....	112	7,175,000
		For Value of property transferred to the Consolidated Gas Co., as per their description in Schedule filed by them, 1884, viz.:					
		1 Real Estate	1	1,474,000	.....		.....
		3 Bulkheads, Piers and Water Rights	1	300,000	.....		.....
		4 Plant	2	2,044,000	.....		.....
		8 Laboratory	2	5,000	.....		.....
		13 Mains	7	971,000	.....		.....
		20 Meters	15	273,000	.....		.....
		31 Services	23	233,000	.....		.....
		39 Office Furniture, &c	29	12,000	.....		.....
		42 Franchises	1	1,863,000	7,175,000		.....

111	11,940,000	Sundries. Dr. To The Municipal Gas Lt. Co. 237		.....		.....	113	5,100,000
		For Value of property transferred to the Consolidated Gas Co., as per their description in Schedule filed by them, viz.:						
		1 Real Estate		889,000	1	.....		.....
		3 Bulkheads, Piers and Water Rights		200,000	1	.....		.....
		4 Plant		1,804,000	2	.....		.....
		8 Laboratory		6,000	2	.....		.....
		13 Mains		749,000	7	.....		.....
		20 Meters		158,000	15	.....		.....
		31 Services		103,000	23	.....		.....
		39 Office Furniture, &c		16,000	27	.....		.....
		42 Franchises		1,175,000	1	5,100,000		.....
		Sundries. Dr. To Knickerbocker Gas Lt. Co. 238		.....		.....	114	3,000,000
		For Value of property transferred to Consolidated Co., as per their description in Schedule filed by them, viz.:						
		1 Real Estate	1	480,000		.....		.....
		3 Bulkheads, Piers and Water Rights	1	115,000		.....		.....
		4 Plant	2	980,000		.....		.....
		8 Laboratory	2	1,000		.....		.....
		13 Mains	7	744,000		.....		.....
		20 Meters	15	69,000		.....		.....
		31 Services	23	81,000		.....		.....
		39 Office Furniture, &c	27	2,000		.....		.....
		42 Franchises	1	528,000		3,000,000		.....
		Sundries. Dr. To Harlem Gas Light Co. 239		.....		.....	115	3,000,000
		For Value of property transferred to Consolidated Co., as per their description in Schedule filed by them, viz.:						
		1 Real Estate	1	604,000		.....		.....
		3 Bulkheads, Piers and Water Rights	1	100,000		.....		.....
		3 Office Building	1	50,000		.....		.....
		4 Plant	2	826,000		.....		.....
		8 Laboratory	2	2,000		.....		.....
		13 Mains	7	720,000		.....		.....
		20 Meters	15	113,000		.....		.....
		31 Services	23	111,000		.....		.....
		39 Office Furniture, &c	27	5,000		.....		.....
		42 Franchises	1	469,000		3,000,000		.....

114	3,000,000	Sundries. Dr. To the New York Gas Light Co. 234					110	241,435.37
		For Materials, Supplies, & other property, including Gas in Holders. Amounts due by Consumers, &c., &c., as the same are described in their Schedule of November 11th, 1884, comprising such property as was not embraced in prior Schedule. The Amount of such Schedule is subdivided to the following a/cs., viz.:						
		59 Sundry Consumers a/c. For Amt. of Gas Bills rendered & unpaid			41	164,016.19		
		31 Services. For Services laid since date of, and not included in prior Schedule			23	2,324		
		20 Meters. For Meters in Stock			15	6,183.65		
		258 Gas Production. For Value of Materials on Hand, viz.:						
		Coal	11,840.60					
		Wood	462.50					
		Naphtha	6,701.72					
		Lime	1,332.00					
		Iron Oxide	1,510.00					
		Bone Black	2,100.00					
		Coke	3,190.50					
		Oils, Cotton Waste, &c	321.15					
		Gas on Hand in Holders	3,872.15			31,330.47		
115	3,000,000	16 Pipe & Specials for Mains. Value of same on hand			11	6,797.21		
		31 Services. Value of Service Pipe, Fittings, &c., &c.			23	4,490.43		
		26 Meter Connections. Value of Meter Cocks, Lead Connections, &c., &c			19	3,429.47		
		181 Meter Repairs. Value of Diaphragms, &c., &c			105	106.46		
		141 Distribution a/c. Value of Burners, &c., &c			79	1,292.94		
		163 Repairs a/c. For Value of Materials on Hand	13,611.53					
		For Value of Fire Brick, &c., &c	2,604.80		93	10,216.33		
		53 Gas Stoves. For Value of Gas Stoves on Hand			35	818.50		
		135 Expense. Value of Supplies on Hand, including Stable Supplies, Stationery, Library, &c., &c			75	2,480.55		
		79 Sundry Debtors. For Bills rendered to Sundry Parties for Work done, Gas, Stoves sold, &c., &c.			49	674.20		
		187 Street Lamps. { For Supplies on hand	840.95		109	1,180.81		
		{ For Painting of Same	339.86					
		193 Insurance. For Amt. of unexpired Insurance			114			

193 Insurance. For Amt of unearned Insurance [illegible] 114 [illegible] [illegible]

[illegible] Holders Annuities due by consumers &c. & as the same are described in their Schedule of November 11th, 1884, comprising such property as was not embraced in prior Schedule. The Amount of such Schedule is subdivided to the following a/c., viz.:

59	Sundry Consumers a/c. For Amount of Gas Bills rendered & unpaid			49	334,500.80	....
31	Services. For Services laid since date of and not included in prior Schedule			27	3,140.73	....
20	Meters. For Meters set since June 1st			19	4,917.65	....
258	Gas Production. For Value of Materials on hand, viz.:					
	Coal	240,371.32				
	Lime	576.64				
	Coke	2,225.00		153	243,172.96	....
31	Services. For Value of Service Pipe, Fittings, &c., &c.			27	1,776.20	....
26	Meter Connections. Value of Meter Cocks, Lead Connections, &c., &c.			23	1,607.31	....
141	Distribution. Value of Burners, &c., &c.			89	149.40	....
163	Repairs a/c. For Value of Materials on hand	6,903.52				
	For Value of Fire Brick, Tiles, &c., &c.	3,586.40		107	10,489.92	....
135	Expense a/c. Value of Sundry Materials on hand, incldg Stationery Library			85	2,237.50	....
79	Sundry Debtors. For Amount of Bills rendered to Sundry Parties for Work done. Coal Tar, &c., Sold			57	7,773.97	....
187	Street Lamps. For Value of Supplies on Hand			131	713.68	....
193	Insurance. For Amount of unearned Insurance Premiums			135	78.75	....
195	Water Rates. For Amount of Water Rates paid to May 1/85			187	393.90	....
9	Construction. For Value of Materials on hand or Work done for Improvement of Plant			3	1,429.21	....
258	Gas Production. For Value of Gas in holders	$2,614.00		153		
	For Value of Gas delivered to Consumers Indexes, of which had not been taken	5,744.80			8,358.80	620,740.78 .....

111	620,740.78	Sundries. Dr. To The Metropolitan Gas Light Co. 236					112	173,780.43
		For Materials, Supplies and other property including Gas in Holders—Amounts due by Consumers, &c., &c., as the same are described in their Schedule of November 11th, 1884, comprising such property as was not embraced in prior Schedule. The amount of such Schedule is subdivided to to the following a/cs., viz.:						
	13	Mains. Vaue of Mains laid since June 1st			10,738.10	7		
	31	Services. For Value of Services laid since date of and not included in prior Schedule			3,749.	23		
	20	Meters. For Value of Meters set	4,451.10					
		" " " " in Stock	5,850.31		10,301.41	15		
	258	Gas Production. For Value of Materials on hand, viz.:						
		Coal	83,657.57					
		Naphtha	1,949.24					
		Lime	468.00					
		Gas in Holders	1,609.00		87,683.81	131		
	16	Pipe and Specials (for Mains) Value of same on hand			40,683.67	11		
	31	Services. Value of Pipe & Fittings on hand			1,197.34	23		
	26	Meter Connections. Value of Meter Cocks, Lead Connections, &c., &c			817.24	19		
	181	Meter Repairs. Value of Diaphragms, &c., &c			662.33	105		
	47	Tools and Implements. Value of same			1,876.43	31		
	163	Repairs a/c. For Value of Materials on hand	10,912.37					
		For Value of Fire Brick, Tiles, &c., &c	1,030.54		11,942.91	93		
	53	Gas Stoves, a/c. For Value of same on hand			99.65	35		
	187	Street Lamps. For Value of Supplies on hand			2,013.54	109		
	135	Expense. For Value of Sundry Supplies of Stationery, &c., &c			1,200.	75		
	187	Street Lamps. For Painting Public Lamps			493.47	109		
	193	Insurance. For Amount of unearned Insurance Premiums			96.96	113		
	195	Water Rates. For Amount of Water Rates paid to May 1/85			224.52	115	173,780.43	

Sundries	Dr. To the Municipal Gas Light Co.			237		113	257,579.41
	For Materials, Supplies and other property including Gas in Holders, Amounts due by Consumers, etc., etc., as the same are described in their Schedule of Novem. 11th, 1884, comprising such property as was not embraced in prior Schedule. The Amount of such Schedule is subdivided to the following a/cs, viz.:						
59	Sundry Consumers—For Amount of Gas Bills rendered and unpaid		196,233.24	41	.....	.....	
31	Services—For Value of Services laid since June 1st, 1884		2,172.	23	.....	.....	
20	Meters—For Value of Meters set since June 1st	4,072.80					
	For Value of Meters in Stock	1,053.33	5,126.12	15	.....	.....	
258	Gas Production—For Value of Materials on hand, etc., viz.:						
	Coal	9,418.50					
	Wood	968.75					
	Naphtha	3,327.08					
	Lime	350.46					
	Oils, Cotton Waste, etc., etc	178.95					
	Gas in Holder	2,620.00					
	Gas delivered to Consumers, not indexed	7,129.12	23,992.86	131	.....	.....	
9	Construction—For Value of Improvements made to plant		5,125.	3	.....	.....	
16	Pipe and Specials (for Mains)—For Value of same on hand		14,747.11	11	.....	.....	
31	Services—For Value of Pipe and Fittings on hand		1,408.05	23	.....	.....	
26	Meter Connections—For Value of Meter Cocks Lead Pipes, etc., etc		977.39	19	.....	.....	
141	Distribution—For Value of Burners, Alcohol, etc., etc.		344.03	79	.....	.....	
47	Tools and Implements—For Value of Tools and Implements		62.52	31	.....	.....	
163	Repairs—For Value of Materials and Supplies	2,860.76					
	For Value of Fire Brick Tiles, etc., etc	640.41	3,501.17	93	.....	.....	

	Sundries—Continued.						
	53	Gas Stoves—For Value of Materials on hand.....	217.89	35	.....	.....	
	43	Horses, Wagons and Harness—For Value of Horse, Wagon, purchased since June 1.....	740.	29	.....	.....	
	135	Expense—For Value of Sundry Materials on hand including Stable Supplies, Books & Stationery	1,180.28	75	.....	.....	
	193	Insurance a/c—For unearned Insurance Premiums..	1,574.18	113	.....	.....	
	195	Water Rates—For Water Rates Paid to May 1st, 1885	120.89	115	.....	.....	
	153	Rent—For Rents paid in advance for Nov., 1884....	5,667	87	257,579.41	.....	
				238		114	86,668.12
257,579.41	Sundries	Dr. To The Knickerbocker Gas Light Co.					
		For Materials, Supplies and other property including Gas in Holders. Amounts due by Consumer, etc., etc. as the same are described in their Schedule of Novem. 11th, 1884. Comprising such property as was not embraced in prior Schedule. The Amount of such Schedule is subdivided to the following A/cs, viz:					
	59	Sundry Consumers—For Amount of Gas Bills rendered and unpaid	40,943.44	41	.....	.....	
	13	Mains—For Value of Mains Paid since June 1st, 1884	2,139.10	7	.....	.....	
	31	Services—For Value of Services Paid since June 1st, 1884	2,765.	23	.....	.....	
	20	Meters—For Value of Meters Set since June 1st, 1884 ..... 512.40					
		For Value of Meters in Stock..... 1,123.67	1,636.07	15	.....	.....	
	258	Gas Production—For Value of Materials on hand, viz:					
		Coal 510.30					
		Coke 6.75					
		Wood 543.75					
		Turfa 348.00					
		Naphtha 4,274.80					
		Lime 700.02					
		Bone Black 2,074.98					
		Oils, Cotton Waste, etc., etc..... 208.72					
		Gas in Holder 814.00					
		Gas delivered to consumers not indexed 911.72	10,393.04	131	.....	.....	
	9	Construction—For Value of Improvements made to Plant	937.20	3	.....	.....	

16	Pipe and Specials (for Mains)—For Value of same on hand		20,007.51	11	.....	.....	
31	Services—For Value of Pipe and Fittings on hand		13.12	23	.....	.....	
26	Meter Connections—For Value of Meter Cocks, Lead Pipe, etc., etc.		4,220.53	19	.....	.....	
47	Tools and Implements—For Value of same		1,025.65	31	.....	.....	
163	Repairs—For Value of Materials and Supplies	866.88					
	For Value of Fire Brick Tiles, etc.	374.65	1,241.53	93	.....	.....	
53	Gas Stoves—For Value of same on hand		120.41	35	.....	.....	
135	Expense—For Value of Sundry Materials on hand including Stable Supplies, Books, Stationery, ets.		442.99	75	.....	.....	
193	Insurance a/c—For unearned Insurance premiums		616.59	113	.....	.....	
195	Water Rates—For Water Rates paid to May 1st, 1885		85.95	115	.....	.....	
153	Rent—For Rents paid in advance, $66.66; For Rents accrued but not due, $13.33		79.99	87	86,668.12	.....	
Sundries	Dr. To The Harlem Gas Light Co.			239		115	162,126.24
	For Materials, Supplies and other property including Gas in Holders, Amounts due by Consumers, etc., etc., as the same are described in their Schedule of Novem. 11th, 1884, comprising such property as was not embraced in prior Schedule. The Amount of such Schedule is subdivided to the following a/cs, viz:						
59	Sundry Consumers—For Amt. of Gas Bills rendered and unpaid		41 79,982.89		.....	.....	
13	Mains—For Value of Mains laid since June 1st, 1884		7 4,084.90		.....	.....	
31	Services—For Value of Services laid since June 1st, 1884		23 4,406.		.....	.....	
20	Meters—For Value of Meters set since June 1st, 1884	6,883.50					
	For Value of Meters in Stock	1.705.57	15 8,589.07		.....	.....	

	258	Gas Production—For Value of Materials on Hand, viz:					
		Coal	44 852 10				
		Lime	773.00				
		Iron Ore	800.00				
		Iron Borings	800.00				
		Coke	1,795.00				
		Gas in Holders	787.17	131	49,807.27	.....	.....
	16	Pipe and Specials for Mains—For Value of same		11	6,162.93	.....	.....
	31	Services—For Value of Pipe and Fittings		23	1,799.54	.....	.....
	26	Meter Connections—For Value of Meter Cocks, Lead Pipe, etc., etc.		19	874.59	.....	.....
	141	Distribution—For Value of Burners, Alcohol, etc		79	142.56	.....	.....
	47	Tools and Implements—For Value of same		31	309.10	.....	.....
	163	Repairs a/c—For Value of Materials and Supplies	93,900.17				
		For Value of Fire Brick, Tiles, etc., etc.	1,483.90		2,384.07	.....	.....
	187	Street Lamps—For Value of Supplies on hand		159	595.80	.....	.....
	43	Horses, Wagons and Harness—For Value of same		29	375	.....	.....
	135	Expense—For Value of Materials and Supplies on hand including Stationery and Books		75	1,420.17	.....	.....
	187	Street Lamps—For Painting of same		109	366.69	.....	.....
	195	Water Rates—For Water Rates paid to May 1st, 1885		115	84.53	.....	.....
	79	Sundry Debtors—For Amount of Bills rendered to Sundry Parties for Work done. Coal Tar sold etc., etc.		49	741.13	162,126.24	.....
162,126.24	234	The New York Gas Light Co. Dr. To Sundries. For Amount of outstanding Liabilities on Novem. 11th 1884, payment of which was assumed by the Consolidated Gas Company, subdivided to the following a/cs. viz:			.....	.....	110 131,741.76
	248	To Hugh Doherty. For Amount of Bond & Mortgage due July 15th 1889, on premises No. 325 Avenue A dated July 15 1881, given by Peter Gillespie to Hugh Doherty. Interest @ 6% per annum payable Jan'y 15th and July 15th in each year		128	6,000.		

248	To Hugh Doherty						
	For Accrued Interest to Novem. 10/84 on Bond & Mtge.....		128	115.			
271	To Consumers Deposits a/c.						
	For Amount of Deposits from Customers current a/cs.....	$62,399.40	141				
	For Amount of Deposits from Customers Due on Cancelled Recpts	2,439.16	147	64,838.56	.....	.....	
147	To Interest a/c.						
	For Amount estimated as accrued on Consumers' Deposits current, ...		83	6,239.94	.....	.....	
197	To Taxes a/c.						
	For Amount of Personal Tax, City & County	38,297.55	115				
	For Amount of State Tax, "on Dividends."	15,000.00		53,297.55	.....	.....	
153	To Rent a/c.						
	For Amount of Rents received by New York Gas Light Co. in advance.....		87	531.50	.....	.....	
135	To Expense a/c.						
	For Salaries of Collectors.....	544.46	75				
	do 1/3 of November mo. Telephone Bill	20.50					
	do 1/3 of Mos. Rent to Nov. 10/84 of Pressure Gauge Room No. 111 Broad St., c. $225. per annum	6.25		571.21	.....	.....	
258	To Gas Production a/c.						
	For Water used from date of last index to Nov. 10/84, 457,300 c.f.	457.30	131	.....	.....	.....	
	Less for Water Rates paid to May 1/85. 5 2/3 mos.....	309.30		148.	131,741.76	.....	

235	The Manhattan Gas Light Co. Dr. To Sundries. For Amount of outstanding Liabilities on November 11th, 1884, payment of which was assumed by the Consolidated Gas Company, subdivided to the following a/c. viz:					111	180,724.08
	271. To Consumer's Deposits a/c. For Amount of Deposits from Customers current a/cs.	80,777.00	173				
	For Amount of Deposits from Customers due on Cancelled Receipts	2,000.00	195	88,777.00			
	147 To Interest a/c. For Amount estimated as accrued on Consumers Deposits, current.		93	8,677.70			
	197 To Taxes a/c. For Amount of Personal Taxes. City & County	50,797.17	137				
	For Amount of State Tax on "Dividends."	30,000.00		80,797.17			
	153 To Rent a/c. For Amount of Rents rec'd by The Manhattan Gas Light Co. in advance, viz.						
	E. Mason, ⅔ of mo.	100.00					
	W. Muller, 2⅔ mos.	133.33					
	Grisler & Fausel, 2⅔ mos.	133.33					
	F. W. Seagrist, 2⅔ mos.	333.33					
	Stewart & Co., 2⅔ mos.	177.78	97	877.77			
	135 To Expenses a/c. For Salaries of Collectors for ⅔ of mo. of Nov. to Nov. 30th.		85	1,594.44	180,724.08		
236	The Metropolitan Gas Light Co. Dr. To Sundries. For Amount of outstanding Liabilities on Novem. 11th, 1884, payment of which was assumed by the Consolidated Gas Company, subdivided to the following a/cs., viz:					112	825,026.97
250	To Municipal Gas Light Co., Bond & Mortgage For Amount of Mortgage dated Oct. 19th, 1883. Due July 1st, 1888, or as soon thereafter as a certain Mortgage made by the Municipal Gas Light Company to the Central Trust Co. as Trustee shall have been discharged. Interest at						

5% per annum, payable semi-annually, Jan. 1st & July 1st. Property mortgaged, 8 lots of land in 22d Ward, N. side of West 41st St. commencing 100 ft. Easterly of Easterly side of 11th Ave., running Northerly 98 ft. 9 in., Easterly 200 ft., Southerly 98 ft. 9 in., thence Westerly 200 ft.

			Forward.....	125	30,000.	....
					30,000.	....
180,724.08	236	The Metropolitan Gas Light Co.	Dr. To Sundries			
			Forward.....		30,000.	....
	250	To Municipal Gas Light Co. Bond & Mtge.				
		For accrued Interest on $30,000 Mortgage from July 1st to Novem. 11th, 4⅓ mos. @ 5% per annum.....		124	558.33	....
	240	To Mortgage Bonds, (issued by Metrop. Co.).				

Mortgage to Arza C. Peck and John P. Huggens as Trustees, Sum of $658,000. Bonds dated August 1st 1881, to mature July 31st 1901, with Interest at 6% per annum, payable February 1st, and August 1st, in each year. Bonds numbered 1 to 479, both numbers inclusive, for $1,000 each, and Bonds numbered 501 to 858, both numbers inclusive for $500 each.

Property mortgaged, all that certain block or parcel of land with the buildings, gas works, gas holders, tanks, etc., thereon erected, beginning at the Southwesterly corner of 11th Ave. & 42d St., running thence Westerly along the Southerly side of 42d St. 800 ft. to 12th Ave., thence Southerly along the Easterly side of 12th Ave. 197 ft. 6 in. to 41st St., thence Easterly along the Northerly side of 41st St. 800 ft. to 11th Ave., and thence Northerly along the Westerly side of 11th Ave. 197 ft. 6 in. to the place of beginning; and also all the Estate, right, title and interest of the parties of the first part of, in and to the land and soil under water, to be made land and gained out of the Hudson or North River, lying in front of the premises hereinbefore described, bounded and described as fol-

180,724.08	236	The Metropolitan Gas Light Co. Dr. To Sundries—Cont. lows, viz: Northerly by the middle of 42d St., Easterly by the middle of 12th Ave. and the premises hereinbefore described; Southerly by the middle of 41st St. and Westerly by the Westerly side of 13th Ave. and all wharfage, cranage, advantages, emoluments and rights of every kind, name and nature appertaining to the premises. Also all the machinery and implements which are now in, or connected with the works or buildings erected on said premises.					
		479. Bonds, $1,000 each., No. 1 to 479.	$479,000.00				
		358. Bonds, $500 each Nos. 501 to 858.....	179,000.00	658,000.	116	.....	.....
112 825,026.97		240. To Mortgage Bonds. (issued by Metrop. Co.) For Amount of accrued Interest on $658,000 Bonds from Aug 1st to Nov. 11/84, @ 6% per annum		11,295.67	116	.....	.....
		271 To Consumers Deposits a/c. For Amount of Consumers Deposit Receipts outstanding, current a/cs.		9,512.02	83	.....	.....
		147 To Interest a/c. For Amount Interest estimated as accrued on Consumers Deposits.....		9,512.02	83	.....	.....
		Forward.....		804,486.27		.....	.....
	236	The Metropolitan Gas Light Co. Dr. To Sundries. *Forward*		804,486.27		.....	.....
	258	To Gas Production a/c For Gas received from the Consolidated Gas Co. after Nov. 10, '84		18,084.25	131	.....	.....
	253	To Carl Biel. For Deposit made by him as part surety for Collector Louis Lauger	$1,000.				
		do Interest on same June 1st to Nov. 11th @ 5%.....	22.78	1,022.78	170	.....	.....

253	To Patrick Cole						
	For Deposit made by him as part surety for himself as Collector...	500.00					
	do Interest on same June 1st to Novem. 11th @ 6%.....	13.67	513.67	170	.....	.....	
253	To "Outstanding Scrip" (Metrop Co.)						
	For amounts due to following parties in liquidation of Scrip outstanding, which must be surrendered before payment can be made, viz:						
	Edward Barton	$300.					
	Henry Scott	60.					
	Jas. S. Taylor	560.	920.	170	825,026.97	.....	
237	The Municipal Gas Light Co. Dr. To Sundries		.....		.....	113 402,410.33	
	For Amount of outstanding Liabilities on Novem. 11, '84, payment of which was assumed by the Consolidated Gas Company, subdivided to the following a/cs, viz:						
197	To Taxes a/c						
	For Amount of Personal Taxes, City and County	42,262.02					
	State Tax on Dividends	15,000.	57,262.02	115	.....	.....	
153	To Rent a/c.						
	For Amount of Rent accrued but not due, viz:						
	Peter Cooper. Lots S. side 46th St. Nov. 1st to date, $2,000 per year	55.55					
	Mrs. A. Ottendorfer. Office 360 4th Ave. Nov. 1st to date, $5,000 per year	138.89					
	C. G. Francklyn Exr. Shop 7 E. 19th St. Nov. 1st to date, $2,000 per year	55.55					
	For Amount of Rents paid to Municipal Gas Lt. Co. in advance for Mo. of Novem. for premises 605 W. 44th St. and 610 West 45th St. $60 per month, 2/3d	40.00	289.99	87	.....	.....	
		Forward	57,552.01		.....	.....	

237 The Municipal Gas Light Co. Dr. To Sundries				
Forward	57,552.01	.....	.....	

242 To First Mortgage Bonds (issued by Mun. Co.)
Mortgage Bonds to Central Trust Co. of N. Y. Trustees, Bonds $1,000 each, Interest at 7% per annum payable semi-annually on May 1st & Novem. 1st (Coupons $35 each). Bonds due May 1st 1888. Original issue 750 Bonds of which 459 have been cancelled, leaving outstanding 291 Bonds. The Outstanding Bonds are numbered as follows, viz:

1	38	75	113	177	267	306	376
2	39	76	114	178	268	307	377
3	40	77	115	179	269	308	378
4	41	78	116	180	270	309	379
5	42	79	117	181	271	310	380
6	43	80	118	182	272	311	381
7	44	81	119	183	273	312	382
8	45	82	120	184	274	313	383
9	46	83	121	185	275	321	384
10	47	84	122	186	276	322	385
11	48	85	123	187	277	323	386
12	49	86	124	188	278	324	387
13	50	87	125	189	279	325	388
14	51	88	126	190	280	326	389
15	52	89	127	191	281	328	390
16	53	90	131	192	283	331	394
17	54	91	132	193	284	341	397
18	55	92	133	194	285	342	399
19	56	93	134	195	286	343	402
20	57	94	135	196	287	344	403
21	58	95	136	197	288	345	404
22	59	96	137	198	289	351	405
23	60	97	138	251	290	352	406
24	61	98	139	252	291	353	407
25	62	99	140	253	292	354	408
26	63	100	141	254	293	357	409
27	64	102	142	255	294	358	410
28	65	103	143	256	295	359	411

29	66	104	144	257	296	360	412
30	67	105	145	258	297	361	413
31	68	106	161	259	298	362	414
32	69	107	162	260	300	363	415
33	70	108	163	261	301	364	...
34	71	109	164	263	302	365	...
35	72	110	165	264	303	366	...
36	73	111	175	265	304	367	...
37	74	112	176	266	305	375	...

113

402,410.33	291 Bonds. $1,000	291,000.	118	.....	.....	
	242 To First Mortgage Bonds (issued by Mun. Co.) For Accrued Interest on 291 Bonds as above @ 7% per annum from Novem. 1st Say	565.83	118	.....	.....	
	252 To Augustus Taber and Wm. F. Waring Trustees of Ann Seaman For Mortgage made by Mrs. A. K. Pidgeon and Frank Pidgeon to Augustus Taber & William F. Waring Trustees of Ann Seaman on property No. 610 West 45th St., Amount $2,000, due on March 1st 1885. Interest 6% per annum, payable May 1st and November 1st in each year	2,000.	126	.....	.....	
	252 To Augustus Taber and Wm. F. Waring Trustees &c. For accrued Interest on Mortgage of $2,000 from Novem. 1/84 to date. Say ⅓ of Mo.	3.34	126	.....	.....	
	Forward	351,121.18		.....	.....	
	237 The Municipal Gas Light Co. Dr. To Sundries.					
	Forward	351,121.18		.....	.....	
	254 To Peter Cooper. For Contract to purchase from Peter Cooper Seven (7) lots situate on South side of West 46th Street West of 11th Ave. and known as the "Benedict Leasehold." Purchase to be completed and consideration paid on May 1st 1887	35,000.	172	.....	.....	

237	The Metropolitan Gas Light Co. Dr. To Sundries—Cont.						
	271 To Consumers Deposits a/c.						
	For Amount of Consumers Deposits, outstanding, current	14,196.					
	For Amount of Consumers Deposits, due on Cancelled Recpts	612.32	14,808.32	141	.....	.....	
	147 To Interest a/c.						
	For Amount estimated as accrued on Deposit Receipts, current		1,480.83	83	402,410.33	.....	
	238 The Knickerbocker Gas Light Co. Dr. To Sundries		.....		.....	114	1,175,271.48
	For Amount of Outstanding Liabilities Novem. 11/84 payment of which was assumed by the Consolidated Gas Co., subdivided to the following Accounts, viz:						
	244 To Mortgage Bonds (issued by Knick. G. L. Co.)						
	For First Mortgage Bonds $1,000 each issued June 1, 1878, Original Issue, 750—of which 63 have been redeemed, leaving outstanding 687. Interest at rate of 6% per annum, payable semi-annually on June 1st and Decem. 1st in each year (Coupons $30 each). Bonds, 20 years to run, from June, 1878. Due in 1898. Bonds outstanding numbered as follows, viz:						
	Nos. 1 to 45 both inclusive	45					
	do 89 do 302 do do	214					
	do 303 do 516 do do	214					
	do 532 do 535 do do	4					
	do 541 do 750 do do	210					
	Total	687	687,000.	120	.....	.....	
	244 To Mortgage Bonds issued by Knick. G. L. Co.						
	For accrued Interest on 687 Bonds, $1,000 each from June 1st, 1884 to date @ 6%		18,320.	120	.....	.....	
	271 To Consumers Deposit a/c.						
	For Amount of Deposit Receipts issued to Customers (current 141)	13,836.00					
	For Amount of Deposit Receipts due on Cancelled Receipts (147)	119.89	13,955.89		.....	.....	
		Forward	719,275.89		.....	.....	

	238 The Knickerbocker Gas Light Co. Dr. To Sundries. *Forward*	719,275.89		.....	.....	
	147 To Interest a/c. For Amount estimated as accrued on Deposit Receipts (current)	1,395.59	83	.....	.....	
	197 To Taxes a/c. For Amount due as State Tax on Capital.....	225.	115	.....	.....	
	256 To Bills Payable. For Amount of 45 Notes (Nos. 1 to 45) $10,000 each due March 1st, 1885, with Interest 5% per annum payable semi-annually	450,000.	174	.....	.....	
	256 To Bills Payable. For Amount of accrued Interest from Sept. 1st, '84 on $450,000 Notes @ 5% per annum.....	4,375.	174	1,175,271.48	.....	
114 1,175,271.48	239 The Harlem Gas Light Co. Dr. To Sundries.	.....		.....	115	256,379.65
	For Amount of outstanding Liabilities Novem. 11/84, payment of which was assumed by the Consolidated Gas Company. Subdivided to the following accounts, viz:					
	246 To Mortgage Bonds (issued by Harlem G. L. Co.) For Amount of Bonded Debt represented by 170 Bonds of $1,000 each. Bonds due Novem. 1st, 1885. Interest at rate of 7% per annum, payable May 1st and Novem. 1st (Coupons, $35 each). The Bonds outstanding are Numbered as follows, viz:	170,000.	122	.....	.....	
	246 To Mortgage Bonds (issued by Harlem G. L. Co.) For Amount of Interest accrued from Novem. 1st to date on 170 Bonds $1,000 each @ 7% per annum.....	326.03	122	.....	.....	
	197 To Taxes a/c. For Amount due for Taxes, City and County.. 28,170.63 do do do do State ..... 2,850.	31,020.63	115	.....	.....	
	255 To Thomas F. Rowland. For Amount due to him, Balance of Contract.....	28,795.	173	.....	.....	
	Forward	230,141.66		.....	.....	

	239 The Harlem Gas Light Co. Dr. To Sundries.								
			Forward		230,141.60				
	271 To Consumers Deposits a/c.								
	For Amount of Deposits from Customers (current)		$22,922.	147					
	For Amount of Deposits from Customers due on Cancelled Recpts		740.	147	23,662.				
	147 To Interest a/c.								
	For Amount estimated as accrued on Deposit Receipts (current)		2,292.20						
	For Amount due on Cancelled Receipts		283.79		2,575.99	83	256,379.65		
	238 Knickerbocker Gas Light Co. Dr. To Municipal Gas Lt. Co.					237		114	1,911,396.64
	For Amount of Balance of Account with Consolidated Gas Co. assigned to the Municipal Gas Light Co. the entire Capital Stock of the Knickerbocker Gas Light Co. being placed in the hands of Trustees in trust for the Municipal Gas Light Company and by these Trustees assigned to the Shareholders of the Municipal Gas Light Co.						113 1,911,396.64		
	Sundries Dr. To Capital Stock a/c. 229							100	354,300.60
	234 New York Gas Light Co. 75,600 Shares					110	7,560,000.		
	235 Manhattan Gas Light Co.								
114 1,911,396.64	119,400 Shares					111	11,940,000.		
	237 Municipal Gas Light Co. 66,000 Shares					113	6,600,000.		
	236 Metropolitan Gas Light Co. 65,000 Shares					112	6,500,000.		
	239 Harlem Gas Light Co. 28,300 Shares					115	2,830,060.		35,430,060.

COMPLAINANT'S EXHIBIT 468.

Candle power computation sheet of Sidney Strauss.

9.96 min. Cod.			
120.46	.0035	.0017	17
30.13 Bar.	.9982	.9981 9	2
	.0177	.0177	9987——
75° Temp. Gas	.2106	.2106	.051
	.2300	.2281 9	

8.12			.9987
2			.9970
16.24	16.98		.0017
			.02
			.000051
	16.91	.9987	
		.0005 1	
		——17	
		.9981 9	

COMPLAINANT'S EXHIBIT 469—(JDF)

Telephone 6800 Murray Hill
Cable——Warmore

Warren and Wetmore
Architects
16 East 47th Street
New York
Whitney Warren
Charles D. Wetmore.

May 12th, 1916.

The Consolidated Gas Company
130 East 15th Street,
New York City, N. Y.

Dear Sirs:—

Referring to your inquiry through Mr. Addicks as to the development of property on the south side of 57th Street, between Seventh Avenue and Broadway, we beg to report as follows:—

The property is 120′ on 57th Street, with an average depth of 100′, being 115′ from 7th Avenue on the East and 216′ from Broadway on the West. The property is now occupied by a Church, the main North wall of which sets back from 57th Street an average distance of about 19 feet.

We understand that the Company desires to develop this property in the most economical way in view of having about 20,000 sq. ft. of display rooms and space for clerical force and collections.

1st—Can the Church be advantageously used after alterations? We think it cannot.

To get adequate amount of light and proper distribution of the space the alteration will probably cost more than a *new building* having the same available space and light.

Furthermore the Church when altered will not give an attractive exterior.

2nd—Can the property be advantageously developed with a Housekeeping Apartment above, and the offices and display rooms of the Company along the street and in the basement? We think it cannot.

In developing an Housekeeping Apartment giving the necessary entrance both public and service, and the necessary courts, the front available for the Gas Company's display would be about 95 feet, making a loss of display frontage of 21 feet.

Furthermore the neighborhood is no doubt changing to business and therefore would not be a desirable location for a first-class housekeeping apartment. For an housekeeping apartment the property is on the wrong side of the street, and the fact that it is not on a corner militates against it. On the other hand it is the proper side of the street for Studio Apartments, but it is notorious that Artists are bad pay.

3rd—Can the property be advantageously developed as an Apartment Hotel? We think it cannot.

If an Apartment Hotel were erected there would be an available frontage for the Gas Company of 95 feet, after taking out the public and service entrances for the Hotel.

The reasons against building an housekeeping apartment apply in a lesser degree against building an apartment hotel.

4th—Can the property be advantageously developed at this time for a Loft or Office Building? We think it cannot.

One of these two developments seems an ideal development for the future. We believe at this time the property is not quite ripe for this development. Of course, it is difficult to say as to the future of New York real estate, but it certainly looks as if the property had a great future for business development.

5th—If your Honorable Board determines that the property shall be developed in a big way at this time, it is possible that a building for doctor's offices would be profitable. The property has a very convenient situation, both as regards the upper West Side and the fashionable East Side.

Before determining as to this development it would be necessary for us to consult with several of the best doctors, which we would be glad to do and advise you in the matter should you determine to go into such a highly specialized building operation. The building, of course, could be designed so that after it became less desirable for doctors, it could be thrown into business offices.

Lastly—We feel that the most economical development of the property, in view of the requirements of the Gas Company, is to build a so-called taxpayer, giving the very best plan and facade with a view of making the best display and the most

convenient arrangement for the company's requirements. Such a building could be built, giving as much space for the Gas Company, as any of the foregoing buildings would give, for between $125,000 and $150,000.

This development makes the rent seem a little high, but if you will take into consideration the increased increment of the property on the one hand, and charge part of the rent to advertising on the other hand, the rent account will be entirely proper.

Very truly yours,

WARREN AND WETMORE

Per CHARLES D. WETMORE.

Telephone 6800, Murray Hill

Cable—Warmore.

Warren & Wetmore
Architects
16 East 47th St.
New York
Whitney Warren
Charles D. Wetmore.

May 16th, 1916.

COMPLAINANT'S EXHIBIT 470—(JDF)

The Consolidated Gas Company,
130 East 15th Street,
New York City, N. Y.

Dear Sirs:

Supplementing our letter of May 12th, and reporting particularly as to whether the property therein referred to can be advantageously developed as a building for Doctor's offices. We would say that we believe that it cannot.

The Doctors of the higher standing seem to be making a center for themselves on the East Side, between Lexington and Madison Avenues, above 49th Street. Furthermore, it is the opinion of my Doctor advisers that the property requires a larger development than should be undertaken for Doctors offices unless the location is in itself an ideal one.

I have a letter from Mr. Lawrence B. Elliman of May 16th, copy of which I am advised has been sent to you. Also a memorandum of May 15th from the office of Pease & Elliman, copy of which I believe has been sent you.

Awaiting your further commands.

Very truly

WARREN AND WETMORE

By CHARLES D. WETMORE.

CDW/L

COMPLAINANT'S EXHIBIT 471

SCHEDULE A

CONSOLIDATED GAS COMPANY OF NEW YORK

Detailed Statement of the Cost of the Company's Real Estate, Including Improvements Thereon Other Than Manufacturing Plants and Holder Stations to and Including December 31, 1918

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

	E. 14 St. Sta.	W. 18 St. Sta.	E. 21 St. Sta.	W. 42 St. Sta.	West 42 St. Murray Prop.	W. 44 St. Sta.	E. 63 St. Sta.	W. 65 St. Sta.	E. 99 St. Sta.
Nov. 11, 1884	$1,940,000.00	$2,048,000.00	$1,857,000.00	$907,000.00	.....	$1,089,000.00	$223,750.00	$320,000.00	$595,000.00
1885.....	.....	4,532.00	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1885	$1,940,000.00	$2,052,532.00	$1,857,000.00	$907,000.00	.....	$1,089,000.00	$223,750.00	$320,000.00	$595,000.00
1886.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1886	$1,940,000.00	$2,052,532.00	$1,857,000.00	$907,000.00	.....	$1,089,000.00	$223,750.00	$320,000.00	$595,000.00
1887.....	.....	72.00	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1887	$1,940,000.00	$2,052,604.00	$1,857,000.00	$907,000.00	.....	$1,089,000.00	$223,750.00	$320,000.00	$595,000.00
1888.....	.....	.....	11,019.80	.....	.....	8,000.00	.....	.....	.....
Dec. 31, 1888	$1,940,000.00	$2,052,604.00	$1,868,019.80	$907,000.00	.....	$1,097,000.00	$223,750.00	$320,000.00	$595,000.00
1889.....	.....	.....	.....	.....	.....	.....	4,650.00	.....	.....
Dec. 31, 1889	$1,940,000.00	$2,052,604.00	$1,868,019.80	$907,000.00	.....	$1,097,000.00	$228,400.00	$320,000.00	$595,000.00
1890.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1890	$1,940,000.00	$2,052,604.00	$1,868,019.80	$907,000.00	.....	$1,097,000.00	$228,400.00	$320,000.00	$595,000.00
1891.....	.....	489.75	.....	.....	.....	24,900.00	.....	100.70	.....
Dec. 31, 1891	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	.....	$1,121,900.00	$228,400.00	$320,100.70	$595,000.00
1892.....	.....	.....	.....	.....	.....	13,600.00	.....	.....	.....
Dec. 31, 1892	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	.....	$1,135,500.00	$228,400.00	$320,100.70	$595,000.00
1893.....	.....	.....	.....	.....	.....	.....	.....	.....	456.51
Dec. 31, 1893	$1,940,000.00	$2,053,093.75	$1,869,019.80	$907,000.00	.....	$1,135,500.00	$228,400.00	$320,100.70	$595,456.51
1894.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Dec. 31, 1894	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	.....	$1,135,500.00	$228,400.00	$320,100.70	$595,456.51
1895.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1895	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	.....	$1,135,500.00	$228,400.00	$320,100.70	$595,456.51
1896.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1896	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	.....	$1,135,500.00	$228,400.00	$320,100.70	$595,456.51
1897.....	.....	.....	.....	.....	.....	.....	.....	.....	27,500.00
Dec. 31, 1897	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	.....	$1,135,500.00	$228,400.00	$320,100.70	$622,956.51
1898.....	.....	.....	.....	.....	$60,588.65	.....	.....	.....	8,250.00
Dec. 31, 1898	$1,940,000.00	$2,053,093.75	$1,868,019.80	$907,000.00	$60,588.65	$1,135,500.00	$228,400.00	$320,100.70	$631,206.51
1899.....	.....	.....	72,662.73	.....	.....	.....	.....	.....	.....
Dec. 31, 1899	$1,940,000.00	$2,053,093.75	$1,940,682.53	$907,000.00	$60,588.65	$1,135,500.00	$228,400.00	$320,100.70	$631,206.51
1900.....	.....	.....	6.00	.....	.....	.....	.....	.....	.....
Dec. 31, 1900	$1,940,000.00	$2,053,093.75	$1,940,688.53	$907,000.00	$60,588.65	$1,135,500.00	$228,400.00	$320,100.70	$631,206.51
1901.....	.....	.....	.....	.....	*10,000.00	.....	.....	.....	.....
Dec. 31, 1901	$1,940,000.00	$2,053,093.75	$1,940,688.53	$907,000.00	$50,588.65	$1,135,500.00	$228,400.00	$320,100.70	$631,206.51
1902.....	.....	.....	10,000.00	.....	.....	.....	.....	.....	.....
Dec. 31, 1902	$1,940,000.00	$2,053,093.75	$1,950,688.53	$907,000.00	$50,588.65	$1,135,500.00	$228,400.00	$320,100.70	$631,206.51
1903.....	.....	.....	*247,229.43	.....	.....	.....	.....	.....	.....
Dec. 31, 1903	$1,940,000.00	$2,053,093.75	$1,703,459.10	$907,000.00	$50,588.65	$1,135,500.00	$228,400.00	$320,100.70	$631,206.51
1904.....	47.19	99.15	42.84	.....	.....	859.19	35.43	.....	.....
Dec. 31, 1904	$1,940,047.19	$2,053,192.90	$1,703,501.94	$907,000.00	$50,588.65	$1,136,359.19	$228,435.43	$320,100.70	$631,206.51
1905.....	*179,971.00	.....	1,037.60	500.00	.....	268.34	*178,078.00	.....	.....
Dec. 31, 1905	$1,760,076.19	$2,053,192.90	$1,704,539.54	$907,500.00	$50,588.65	$1,136,627.53	$50,357.43	$320,100.70	$631,206.51

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

	E. 14 St. Sta.	W. 18 St. Sta.	E. 21 St. Sta.	W. 42 St. Sta. West 42 St.	Murray Prop.	W. 44 St. Sta.	E. 63 St. Sta.	W. 65 St. Sta.	E. 99 St. Sta.
Dec. 31, 1905	$1,760,076.19	$2,053,192.90	$1,704,539.54	$907,500.00	$50,588.65	$1,136,627.53	$50,357.43	$320,100.70	$631,206.51
1906	.....	.....	490.50	20.00	.....	.....	.....	.....	10.00
Dec. 31, 1906	$1,760,076.19	$2,053,192.90	$1,705,030.04	$907,520.00	$50,588.65	$1,136,627.53	$50,357.43	$320,100.70	$631,216.51
1907	20.28	202.99	12,081.15	.....	.....	.....	.....	.....	.....
Dec. 31, 1907	$1,760,096.47	$2,053,395.89	$1,717,111.19	$907,520.00	$50,588.65	$1,136,627.53	$50,357.43	$320,100.70	$631,216.51
1908	265.62	.....	98.00	.....	.....	.....	1,033.54	.....	.....
Dec. 31, 1908	$1,760,362.09	$2,053,395.89	$1,717,209.19	$907,520.00	$50,588.65	$1,136,627.53	$51,390.97	$320,100.70	$631,216.51
1909	.....	.....	836.47	.....	.....	.....	.....	1,635.02	.....
Dec. 31, 1909	$1,760,362.09	$2,053,395.89	$1,718,045.66	$907,520.00	$50,588.65	$1,136,627.53	$51,390.97	$321,735.72	$631,216.51
1910	280.94	*253,693.94	1,931.81	.....	*50,588.65	.....	.....	*1,399.28	92.86
Dec. 31, 1910	$1,760,643.03	$1,799,701.95	$1,719,977.47	$907,520.00	.....	$1,136,627.53	$51,390.97	$320,336.44	$631,309.37
1911	181.64	.....	1,099.01	.....	.....	1,342.83	.....	.....	.....
Dec. 31, 1911	$1,760,824.67	$1,799,701.95	$1,721,076.48	$907,520.00	.....	$1,137,970.36	$51,390.97	$320,336.44	$631,309.37
1912	.....	.....	105.74	.....	.....	.....	.....	.....	.....
Dec. 31, 1912	$1,760,824.67	$1,799,701.95	$1,721,182.22	$907,520.00	.....	$1,137,970.36	$51,390.97	$320,336.44	$631,309.37
1913	.....	*037,965.13	*1,960.24	.....	.....	.....	.....	777.81	.....
Dec. 31, 1913	$1,760,824.67	$861,736.82	$1,719,221.98	$907,520.00	.....	$1,137,970.36	$51,390.97	$321,114.25	$631,309.37
1914	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1914	$1,760,824.67	$861,736.82	$1,719,221.98	$907,520.00	.....	$1,137,970.36	$51,390.97	$321,114.25	$631,309.37
1915	.....	1,307.83	319.99	.....	.....	.....	.....	.....	.....
Dec. 31, 1915	$1,760,824.67	$863,044.65	$1,719,541.97	$907,520.00	.....	$1,137,970.36	$51,390.97	$321,114.25	$631,309.37
1916	.....	*235,325.10	*245.38	.....	.....	.....	.....	.....	.....
Dec. 31, 1916	$1,760,824.67	$627,719.55	$1,719,296.59	$907,520.00	.....	$1,137,970.36	$51,390.97	$321,114.25	$631,309.37
1917	.....	*367,247.00	.....	*48,520.00	.....	.....	.....	.....	.....
Dec. 31, 1917	$1,760,824.67	$260,472.55	$1,719,296.59	$859,000.00	.....	$1,137,970.36	$51,390.97	$321,114.25	$631,309.37
1918	20,645.84	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1918	$1,781,470.51	$260,472.55	$1,719,296.59	$859,000.00	.....	$1,137,970.36	$51,390.97	$321,114.25	$631,309.37

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

1918	20,645.84								
Dec. 31, 1918	$1,781,470.51	$260,472.58	$1,719,386.59	$859,080.49		$1,132,970.46	$31,920.00	$24,114.00	

CONSOLIDATED GAS COMPANY OF N. Y. BOOK VALUE OF REAL ESTATE

	E. 111 St. Sta.	W. 132 St. Sta.	Inwood Station	Hester and Elizabeth Sts.	Irving Pl. and 15th St.	E. 60 & 61 Sts. 1st Ave. to Ave. A	W. 65 & 66 Sts. West of West End Ave.	222-4-6-8 West 65th St.
Nov. 14, 1884	$676,000.00	.....	$28,000.00	$100,000.00	$175,000.00	$158,250.00	$115,000.00	.....
1885	.....	.....	.....	.....	25,000.00	.....	.....	.....
Dec. 31, 1885	$676,000.00	.....	$28,000.00	$100,000.00	$200,000.00	$158,250.00	$115,000.00	.....
1886	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1886	$676,000.00	.....	$28,000.00	$100,000.00	$200,000.00	$158,250.00	$115,000.00	.....
1887	.....	.....	.....	.....	1,500.00	.....	.....	.....
Dec. 31, 1887	$676,000.00	.....	$28,000.00	$100,000.00	$201,500.00	$158,250.00	$115,000.00	.....
1888	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1888	$676,000.00	.....	$28,000.00	$100,000.00	$201,500.00	$158,250.00	$115,000.00	.....
1889	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1889	$676,000.00	.....	$28,000.00	$100,000.00	$201,500.00	$158,250.00	$115,000.00	.....
1890	7,000.00	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1890	$683,000.00	.....	$28,000.00	$100,000.00	$201,500.00	$158,250.00	$115,000.00	.....
1891	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1891	$683,000.00	.....	$28,000.00	$100,000.00	$201,500.00	$158,250.00	$115,000.00	.....
1892	.....	$235,000.00	.....	.....	.....	.....	.....	.....
Dec. 31, 1892	$683,000.00	$235,000.00	$28,000.00	$100,000.00	$201,500.00	$158,250.00	$115,000.00	.....
1893	.....	.....	.....	800.00	.....	.....	.....	.....
Dec. 31, 1893	$683,000.00	$235,000.00	$28,000.00	$100,800.00	$201,500.00	$158,250.00	$115,000.00	.....
1894	.....	.....	.....	81.00	.....	.....	.....	.....
Dec. 31, 1894	$683,000.00	$235,000.00	$28,000.00	$100,881.00	$201,500.00	$158,250.00	$115,000.00	.....
1895	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1895	$683,000.00	$235,000.00	$28,000.00	$100,881.00	$201,500.00	$158,250.00	$115,000.00	.....
1896	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1896	$683,000.00	$235,000.00	$28,000.00	$100,881.00	$201,500.00	$158,250.00	$115,000.00	.....
1897	.....	.....	*225.12	.....	.....	.....	.....	.....

* In red ink on original.

	E. 111 St. Sta.	W. 132 St. Sta.	Inwood Station	Hester and Elizabeth Sts.	Irving Pl. and 15th St.	E. 60 & 61 Sts. 1st Ave. to Ave. A	W. 65 & 66 Sts. West of West End Ave.	222-4-6-8 West 65th St.
Dec. 31, 1897	$683,000.00	$235,000.00	$27,774.88	$100,881.00	$201,500.00	$158,250.00	$115,000.00	.....
1898	.....	.....	.....	.....	15,000.00	.....	.....	.....
Dec. 31, 1898	$683,000.00	$235,000.00	$27,774.88	$100,881.00	$216,500.00	$158,250.00	$115,000.00	.....
1899	140.00	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1899	$683,140.00	$235,000.00	$27,774.88	$100,881.00	$216,500.00	$158,250.00	$115,000.00	.....
1900	*119,040.00	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1900	$564,100.00	$235,000.00	$27,774.88	$100,881.00	$216,500.00	$158,250.00	$115,000.00	.....
1901	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 31, 1901	$564,100.00	$235,000.00	$27,774.88	$100,881.00	$216,500.00	$158,250.00	$115,000.00	.....
1902	.....	.....	.....	.....	14,250.00	.....	50,485.95	.....
Dec. 31, 1902	$564,100.00	$235,000.00	$27,774.88	$100,881.00	$230,750.00	$158,250.00	$165,485.95	.....
1903	.....	.....	.....	790.00	.....	125.00	642.92	.....
Dec. 31, 1903	$564,100.00	$235,000.00	$27,774.88	$101,671.00	$230,750.00	$158,375.00	$166,128.87	.....
1904	.....	.....	.....	.....	1,837.39	.....	3,227.84	$60,266.75
Dec. 31, 1904	$564,100.00	$235,000.00	$27,774.88	$101,671.00	$232,587.39	$158,375.00	$169,356.71	$60,266.75
1905	250.00	.....	.....	.....	686.70	.....	394.71	1,555.00
Dec. 31, 1905	$564,350.00	$235,000.00	$27,774.88	$101,671.00	$233,274.09	$158,375.00	$169,751.42	$61,821.75

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

	E. 111 St. Sta.	W. 132 St. Sta.	Inwood Station	Hester and Elizabeth Sts.	Irving Pl. and 15th St.	124-40 E. 15 St. Bldg. only	142 E. 15 St. Bldg. only	212-18 W. 57 St.	E. 60 & 61 Sts. 1st Ave. to Ave. A
Dec. 31, 1905	$564,350.00	$235,000.00	$27,774.88	$101,671.00	$233,274.09	.....	.....	.....	$158,375.00
1906....	10.00	28,567.50	.....	511.70	434.23	.....	.....	.....	.....
Dec. 31, 1906	$564,360.00	$206,432.50	$27,774.88	$102,182.70	$233,708.32	.....	.....	.....	$158,375.00
1907....	.....	8.51	.....	19,204.62	288.00	.....	.....	.....	.....
Dec. 31, 1907	$564,360.00	$206,441.01	$27,774.88	$121,387.32	$233,996.32	.....	.....	.....	$158,375.00
1908....	12,230.54	26.37	.....	.....	5,449.56	.....	.....	.....	.....
Dec. 31, 1908	$576,590.54	$206,467.38	$27,774.88	$121,387.32	$239,445.88	.....	.....	.....	$158,375.00
1909....	2,513.84	730.34	.....	298.79	9,095.81	.....	.....	.....	.....
Dec. 31, 1909	$579,104.38	$207,197.72	$27,774.88	$121,686.11	$248,541.69	.....	.....	.....	$158,375.00
1910....	835.63	74.20	.....	1,355.26	1,024.52	$895.28	.....	.....	21.96
Dec. 31, 1910	$579,940.01	$207,271.92	$27,774.88	$123,041.37	$249,566.21	$895.28	.....	.....	$158,396.96
1911....	.....	.....	.....	.....	*17,883.55	$369,231.86	.....	.....	.....
Dec. 31, 1911	$579,940.01	$207,271.92	$27,774.88	$123,041.37	$231,682.66	$370,127.14	.....	.....	$158,396.96
1912....	*45,092.07	.....	.....	.....	336,070.95	47,373.29	.....	.....	.....
Dec. 31, 1912	$534,847.94	$207,271.92	$27,774.88	$123,041.37	$567,753.61	$417,500.43	.....	.....	$158,396.96
1913....	301.16	.....	.....	194.74	*50,169.63	$2,125,914.58	.....	.....	.....
Dec. 31, 1913	$535,149.10	$207,271.92	$27,774.88	$123,236.11	$517,583.98	$2,543,415.01	.....	.....	$158,396.96
1914....	.....	50,000.00	.....	449.91	25.00	706,616.01	.....	.....	118.00
Dec. 31, 1914	$535,149.10	$257,271.92	$27,774.88	$123,686.02	$517,608.98	$3,250,031.02	.....	.....	$158,514.96
1915....	.....	.....	.....	*96.99	25.00	*731,162.39	$12,856.28	$401,422.25	273.59
Dec. 31, 1915	$535,149.10	$257,271.92	$27,774.88	$123,589.03	$517,633.98	$2,518,868.63	$12,856.28	$401,422.25	$158,788.55
1916....	.....	.....	.....	226.80	25.00	17,570.50	43,743.82	38,222.45	.....
Dec. 31, 1916	$535,149.10	$257,271.92	$27,774.88	$123,815.83	$517,658.98	$2,536,439.13	$56,600.10	$439,644.70	$158,788.55
1917....	.....	*$146,320.75	.....	.....	.....	1,979.11	.....	242,074.45	.....
Dec. 31, 1917	$535,149.10	$110,951.17	$27,774.88	$123,815.83	$517,658.98	$2,538,418.24	$56,600.10	$681,719.15	$158,788.55
1918....	.....	.....	.....	450.00	.....	6,956.94	.....	14,421.57	.....
Dec. 31, 1918	$535,149.10	$110,951.17	$27,774.88	$124,265.83	$517,658.98	$2,545,375.18	$56,600.10	$696,140.72	$158,788.55

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

	114th St. and 3rd Ave.	Shadyside, N. J.	116th St. and Lex. Ave.	Assessments	Totals
Nov. 14, 1884	$50,000.00	$50,000.00			$10,332,000.00
1885					29,532.00
Dec. 31, 1885	$50,000.00	$50,000.00			$10,361,532.00
1886				$12,502.38	12,502.38
Dec. 31, 1886	$50,000.00	$50,000.00		$12,502.38	$10,374,034.38
1887				738.63	2,310.63
Dec. 31, 1887	$50,000.00	$50,000.00		$13,241.01	$10,376,345.01
1888				8,184.16	27,203.96
Dec. 31, 1888	$50,000.00	$50,000.00		$21,425.17	$10,403,548.97
1889		34,450.00		1,952.60	41,052.60
Dec. 31, 1889	$50,000.00	$84,450.00		$23,377.77	$10,444,601.57
1890		10,201.87		10,291.89	27,493.76
Dec. 31, 1890	$50,000.00	$94,651.87		$33,669.66	$10,472,095.33
1891		32,506.07		1,233.15	59,229.67
Dec. 31, 1891	$50,000.00	$127,157.94		$34,902.81	$10,531,325.00
1892	1,000.00	40,162.11	$65,000.00	33,009.69	387,771.80
Dec. 31, 1892	$51,000.00	$167,320.05	$65,000.00	$67,912.50	$10,919,096.80
1893	86,500.80	43,509.17		24,111.43	155,377.91
Dec. 31, 1893	$137,500.80	$210,829.22	$65,000.00	$92,023.93	$11,074,474.71
1894		42,112.12		6,905.57	49,098.69
Dec. 31, 1894	$137,500.80	$252,941.34	$65,000.00	$98,929.50	$11,123,573.40
1895		30,295.62		8,631.45	38,927.07
Dec. 31, 1895	$137,500.80	$283,236.96	$65,000.00	$107,560.95	$11,162,500.47
1896		32,575.78		4,365.90	36,941.68
Dec. 31, 1896	$137,500.80	$315,812.74	$65,000.00	$111,926.85	$11,199,442.15
1897		31,876.41		5,785.40	64,936.69

Dec. 31, 1897.....	$137,500.80	$347,689.15	$65,000.00	$117,712.25	$11,264,378.84
1898.....	.....	36,672.44	.....	*1,858.66	118,652.43
Dec. 31, 1898.....	$137,500.80	$384,361.59	$65,000.00	$115,853.59	$11,383,031.27
1899.....	.....	24,643.76	.....	1,847.26	99,293.75
Dec. 31, 1899.....	$137,500.80	$409,005.35	$65,000.00	$117,700.85	$11,482,325.02
1900.....	.....	3,136.80	.....	931.44	*114,965.76
Dec. 31, 1900.....	$137,500.80	$412,142.15	$65,000.00	$118,632.29	$11,367,359.26
1901.....	.....	.....	.....	418.25	*9,581.75
Dec. 31, 1901.....	$137,500.80	$412,142.15	$65,000.00	$119,050.54	$11,357,777.51
1902.....	.....	.....	.....	1,762.95	76,498.90
Dec. 31, 1902.....	$137,500.80	$412,142.15	$65,000.00	$120,813.49	$11,434,276.41
1903.....	680.47	19,989.07	.....	4,026.72	*220,975.25
Dec. 31, 1903.....	$138,181.27	$432,131.22	$65,000.00	$124,840.21	$11,213,301.16
1904.....	537.04	40.00	.....	2,701.84	69,694.66
Dec. 31, 1904.....	$138,718.31	$432,171.22	$65,000.00	$127,542.05	$11,282,995.82
1905.....	.....	25.00	.....	254.11	*353,077.54
Dec. 31, 1905.....	$138,718.31	$432,196.22	$65,000.00	$127,796.16	$10,929,918.28

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

	W. 65 & 66 Sts. West of West End Ave.	222-4-6-8 West 65 St.	114th St. and 3rd Ave.	116th St. and Lex. Ave.	132nd St. Locust Ave. & East River	474 West 159 St.	169th St. and Audubon Ave.	201st St. Academy St. & Harlem River	River Terr. and Fordham Road
Dec. 31, 1905	$169,751.42	$61,821.75	$138,718.31	$65,000.00					
1906	174.84		401.30		$80,000.00				
Dec. 31, 1906	$169,926.26	$61,821.75	$139,119.61	$65,000.00	$80,000.00				
1907	110.05		44.37		436.75				
Dec. 31, 1907	$170,036.31	$61,821.75	$139,163.98	$65,000.00	$80,436.75				
1908	1,301.52	32.00	31.00	53.30	295.00				
Dec. 31, 1908	$171,337.83	$61,853.75	$139,194.98	$65,053.30	$80,731.75				
1909	1,459.57					$58,124.87			
Dec. 31, 1909	$172,797.40	$61,853.75	$139,194.98	$65,053.30	$80,731.75	$58,124.87			
1910	5,813.24	104.30	6,268.04		4,906.22	27,398.78		$749,998.18	$283,972.20
Dec. 31, 1910	$178,610.64	$61,958.11	$145,463.02	$65,053.30	$85,727.97	$85,523.65		$749,998.18	$283,972.20
1911	10,011.35		1,794.60		6,234.54	890.61		5,664.48	63.50
Dec. 31, 1911	$188,621.99	$61,958.11	$147,257.62	$65,053.30	$101,962.51	$86,414.26		$755,662.66	$284,035.70
1912	7,985.82		*140.00			*860.18		*755,662.66	*9,912.98
Dec. 31, 1912	$196,607.81	$61,958.11	$147,197.62	$65,053.30	$101,962.51	$85,554.08			$274,122.72
1913	8,910.42					334.22			8,571.92
Dec. 31, 1913	$205,518.23	$61,958.11	$147,197.62	$65,053.30	$101,962.51	$85,888.30			$282,694.64
1914	*100.24		28.47			234.59			481.00
Dec. 31, 1914	$205,417.99	$61,958.11	$147,226.09	$65,053.30	$101,962.51	$86,122.89			$283,175.64
1915	503.12					5.46			83.72
Dec. 31, 1915	$205,981.11	$61,958.11	$147,226.09	$65,053.30	$101,962.51	$86,128.35			$283,259.36
1916		935.03		93.30	*2,510.76	899.86			*13,735.98
Dec. 31, 1916	$205,981.11	$62,893.74	$147,226.09	$65,146.60	$99,451.75	$87,028.21			$269,523.38
1917		71,423.76	2,057.39						8.19
Dec. 31, 1917	$205,981.11	$134,317.50	$149,283.48	$65,146.60	$99,451.75	$87,028.21	$56,344.80		$269,531.57
1918		97.48	872.08						
Dec. 31, 1918	$205,981.11	$134,414.98	$150,155.56	$65,146.60	$99,451.75	$87,028.21	$56,344.80		$269,531.57

* In red ink on original

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF REAL ESTATE

	Kent Ave. and Wallabout Canal Brooklyn	Shadyside, N. J.	Assessments	Totals
Dec. 31, 1905	.....	$432,196.22	$127,796.16	$10,929,918.28
1906	.....	.....	11,953.71	75,438.78
Dec. 31, 1906	.....	$432,196.22	$139,749.87	$11,005,357.06
1907	.....	.....	50.82	32,447.54
Dec. 31, 1907	.....	$432,196.22	$139,800.69	$11,037,804.60
1908	.....	.....	.....	20,816.45
Dec. 31, 1908	.....	$432,196.22	$139,800.69	$11,058,621.05
1909	.....	.....	12,943.88	87,638.59
Dec. 31, 1909	.....	$432,196.22	$152,744.57	$11,146,259.64
1910	.....	*432,196.22	2,702.86	349,888.25
Dec. 31, 1910	.....	.....	$155,447.43	$11,496,147.89
1911	.....	.....	1,258.42	379,889.29
Dec. 31, 1911	.....	.....	$156,705.85	$11,876,037.18
1912	.....	.....	4,507.37	*415,544.72
Dec. 31, 1912	.....	.....	$161,213.22	$11,460,492.46
1913	.....	.....	20,837.61	1,175,747.46
Dec. 31, 1913	.....	.....	$182,050.83	$12,636,239.92
1914	$75,434.09	.....	10,448.96	843,735.70
Dec. 31, 1914	$75,434.09	.....	$192,499.79	$13,479,975.62
1915	2,182.03	.....	1,196.26	*311,023.85
Dec. 31, 1915	$77,616.03	.....	$193,696.05	$13,168,951.77
1916	315.15	.....	10,729.58	*139,055.13
Dec. 31, 1916	$77,931.18	.....	$204,425.63	$13,029,896.64
1917	.....	.....	2,922.00	*241,622.85
Dec. 31, 1917	$77,931.18	.....	$207,347.63	$12,788,273.79
1918	.....	.....	964.78	100,753.49
Dec. 31, 1918	$77,931.18	.....	$208,312.41	$12,889,027.28

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—14TH STREET STATION

1884.	Nov. 11, Rowland's Appraisal,	
	Land	$1,740,000.00
	Bulkhead Rights	200,000.00
		$1,940,000.00
1904.	Toilet & Shed, E. 17th St. Yard	47.19
		$1,940,047.19
1905.	Fence, 17th St. Yard	29.00
		$1,940,076.19
1906.	Jan. 1, To Balance	$1,760,076.19
1907.	New Toilet, 520 E. 15th st.	20.28
		$1,760,096.47
1908.	New sidewalks, 618-642 E. 15th St.	265.62
		$1,760,362.09
1910.	New sidewalks, 14th St. and Ave. C	280.94
		$1,760,643.03
1911.	New sidewalks, 620-636 E. 18th st.	181.64
		$1,760,824.67
1918.	Land between 15th and 16th Streets, 35' frontage on E. 15th St. and 26' frontage on E. 16th St. Eastward from 235' east of Avenue C	20,645.84
		$1,781,470.51

Land located in 15th and 16th Sts., between Aves. C and D, 250 ft. E. & W. and 206 ft. 6 in. N. & S sold	$180,000.00
By Balance	1,760,076.19
	$1,940,076.19

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—18TH STREET STATION

1884.	Nov. 11, Rowland's Appraisal,	
	Land	$1,823,000.00
	Bulkhead Rights	225,000.00
		$2,048,000.00
1885.	Improvements to Bulkhead E. 16th and 17th Streets and North River	4,532.00
		$2,052,532.00
1887.	Inspection of Pavement laid in 16th St. between 10th and 11th Avenues	72.00
		$2,052,604.00
1891.	Raising Bulkhead, 17th and 18th Sts. and North River	489.75
		$2,053,093.75
1904.	Fence	99.15
		$2,053,192.90
1906.	Jan. 1, To Balance	177.59
1907.	Fence	
	New Sidewalk and Gateway 18th St., 125' west of 10th Avenue	25.40
		$2,053,395.89

1910.	New Sidewalks, 10th Ave. between 17th & 18th Streets	375.76	
	New Sidewalks, 17th St. from 10th Ave. to Marginal St.	1,043.65	
	New Sidewalk, 512-538 West 19th Street	548.09	
		$2,055,363.39	
1911.	Jan. 1, To Balance	$1,799,701.95	
1913.			
		$1,799,701.95	
1914.	Jan. 1, To Balance	$861,736.82	
1915.	Sidewalks, 18th St. Sta., 10th Ave. & Marginal St.	1,307.83	
1916.			
		$863,044.65	
1917.	Jan. 1, To Balance	$627,719.55	
		$627,719.55	
1918.	Jan. 1, To Balance	$260,472.55	

Book Value of Property condemned by the City, located at 11th Ave. between 19th and 20th Streets	$148,270.07	
Book Value of Property sold, located at Marginal St. between 19th and 20th Sts.	107,391.37	
By Balance	1,799,701.95	
	$2,055,363.39	
Award from City of New York, Land and Bulkhead, 18th St.	$937,965.13	
By Balance	861,736.82	
	$1,799,701.95	
Property betw. 9th and 10th Aves. sold to N. Y. Edison Co.	$22,500.00	
Property betw. 10th and 17th Sts. from 10th Ave. to Marginal St Sold to Merchants Refrigerating Co.	212,825.10	
By Balance	627,719.55	
	$863,044.65	
Property 17th to 18th Sts. 10th Ave. to Marginal St. and 10th Ave. betw. 18th & 19th Sts. sold to N. Y. State Realty & Term Co.	$367,247.00	
By Balance	260,472.55	
	$627,719.55	

1884.	Nov. 11, Rowland's Appraisal.			
	Land	$1,573,500.00		
	Stable Building, 20th St., S. S., (Block No. 5).	15,000.00		
	5 Dwellings, Ave. A, W. S., between 20th and 21st Streets (Block No. 4)	17,500.00		
	Party Wall cor. 20th St. and Ave. A, Lot No. 1354	1,000.00		
	Bulkhead and Water Rights	250,000.00		
		$1,857,000.00		
1888.	Purchase Price of 336 Ave. A	11,019.80		
		$1,868,019.80		
1889.	Purchase price of 327-9-31 Ave. A	30,000.00		
	Alterations to 327-9-31 Ave. A	1,550.00		
	Purchase price of 38-30 Ave. A	31,000.00		
	Purchase price of 405 East 20th St	10,112.73		
		$1,940,682.53		
1900.	Grading Lot	6.00		
		$1,940,688.53		
1902.	Bond and mortgage assumed on 326 Ave. A, valued at $20,000.00, taken in exchange for 405 E. 20th St., valued at $10,000.00	10,000.00		
		$1,940,688.53		
1903.	Additions to Meter Repair Shop	628.57	Award from the City for certain land, bulkheads, etc., at 20th and 22nd Streets and East River	$247,858.00
			By Balance	1,703,459.10
		$1,951,317.10		$1,951,317.10

1904.	Jan. 1, To Balance	$1,703,459.10
	Toilet—Repair Shop	39.84
	Sewer Improvements	3.00
		$1,703,501.94
1905.	Drainage System.	
	Repair Shop	236.61
	Fence	221.99
	Wash Stand—Repair Shop	56.00
	Skylight—Repair Shop	218.00
	Hand Elevator	305.00
		$1,704,539.54
1906.	Iron Shed—Repair Shop	215.00
	Wash Basin, 329 Ave. A	101.50
	Tubs, 326 Ave. A	174.00
		$1,705,030.04
1907.	Wash Basin, 329 Ave. A	9.40
	Purchase price of 332 Ave. A	12,000.00
	Title Insurance, 332 Ave. A	71.75
		$1,717,111.19
1908.	Exhaust Fan, Repair Shop	98.00
		$1,717,209.19
	Forward	$1,717,209.19
1909.	Marbleoid floors, Repair Shop	668.22
	Awnings, 329 Avenue A	168.25
		$1,718,045.66
1910.	Sidewalks, 410-18 E. 22 St.	359.57
	Sidewalks, 70' E. of Ave. A to Ave. B, N. S. of 20th Street	1,476.57
	Sidewalks, 434 East 20th Street	95.67
		$1,719,977.47

1911.	Sidewalks, 1st Ave. to Marginal Street, North and south side of East 20th Street.....	1,099.01		
		$1,721,076.48		
1912.	Sidewalk, 364 First Ave.....	105.74		
		$1,721,182.22		
1913.	Sidewalks, 372-6 First Ave.....	200.00	Meter Repair Shop Improvements dismantled..	$2,160.24
			By Balance	1,719,221.98
		$1,721,382.22		$1,721,382.22
1914.	Jan. 1, To Balance.....	$1,719,221.98		
1915.	Storage Bins, 329 Ave. A.....	319.99		
		$1,719,541.97		
1916.	Storage Bins, 329 Ave. A.....	54.62	Terra Cotta Drain and 2 brick cesspools removed	$300.00
			By Balance	1,719,296.59
		$1,719,596.59		$1,719,596.59
1917.	Jan. 1, To Balance.....	$1,719,296.59		

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—42nd Street Station

1884.	Nov. 11, Land	$607,000.00		
	Land with water rights	300,000.00		
		$907,000.00		
1905.	Stable, 41st St.	500.00		
		$907,500.00		
1906.	Establishing boundary for wall, 41st Street, East of 11th Ave.	20.00		
		$907,520.00	Land sold, located at West 41st St., 100 ft. East of 11th ave.	$48,520.00
1917.			By Balance	859,000.00
		$907,520.00		$907,520.00
1918.	Jan. 1, To Balance	$859,000.00		

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—Murray Property

1898.	Property located on the N. S. of W. 42nd St., E. of 11th Ave.	$60,588.65	Amount received from sale of No. 534 11th Ave.	$10,000.00
1901.			By Balance	50,588.65
		$60,588.65		$60,588.65
1902.	Jan. 1, To Balance	$50,588.65	Murray Property Sold	50,588.65
1910.				
		$50,588.65		$50,588.65

REAL ESTATE—44TH STREET STATION

1884.	Nov. 11, Rowland's Appraisal, Land	$883,000.00
	Bulkhead and water rights	200,000.00
	Lot 29, Block 225, 2-story frame dwelling on rear of lot 605 W. 44th St	2,500.00
	Lot 39, Block 225, 3-story brick dwelling on front of lot 610 W. 45th St	3,500.00
		$1,089,000.00
1888.	Purchase price of 612 W. 45th St	8,000.00
		$1,097,000.00
1891.	Purchase price of 617-19-21 W. 45th St	18,300.00
	Purchase price of 608 W. 45th St	6,600.00
		$1,121,900.00
1892.	Purchase price of premises 606 W. 45th St	6,600.00
	Purchase price of premises 623 W. 45th St	7,000.00
		$1,135,500.00
1904.	Toilet—44th St	271.91
	Additional Stalls, 45th St. Stable	587.28
		$1,136,359.19
1905.	Water Main, 45th St. Stable	60.48
	Additional Stalls, 45th St. Stable	7.86
	Fire Escapes, 606-10 W. 45th St	200.00
		$1,136,627.53
1911.	Sidewalks, 610-15 W. 45th St. to Marginal Street	1,342.83
		$1,137,970.36

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—63rd Street Station

1884.	Nov. 11, Rowland's Appraisal Land	$223,750.00		
1889.	Grading and excavating cellar, Ave. A, 62nd and 63rd Streets	4,650.00		
		$228,400.00		
1904.	Fireproof Door	35.43		
		$228,435.43	Land 215 ft. E. & W. and 200 ft. 10 in. N. & S. between 62d and 63d Sts., Ave A and 1st Ave.	
1905.				
		$228,435.43	Sold—Standard Gas Light Co.	$178,078.00
			By Balance	50,357.43
1906.	Jan. 1, To Balance	$50,357.43		$228,435.43
1908	Sidewalks, E. 62nd & 63rd Sts.	1,033.54		
		$51,390.97		

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—65th Street Station

1884.	Nov. 11, Rowland's Appraisal, Land	$320,000.00		
1891.	Paving between Holders	100.70		
		$320,100.70		
1919.	Emergency Wagon Shed	1,635.02		
		$321,735.72		
1910.	Sidewalks, N. S. of 65th St. 150 ft. East of West End Ave.	235.74	Emergency Wagon Shed transferred to Real Estate 66th St. Street Department	$1,635.02
			By Balance	320,336.44
		$321,971.46		$321,971.46
1911.	Jan. 1, to Balance	$320,336.44		
1913.	Sidewalks, 65th St. Station	777.81		
		$321,114.25		

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—99TH ST. STATION

1884.	Nov. 11, Rowland's Appraisal.				
	Land	$480,000.00			
	Bulkhead and water rights	115,000.00			
		$595,000.00			
1893.	Flagging—99th St. N. S. betw. 1st and 2nd Aves.	456.51			
		$595,456.51			
1897.	20-68/100 lots at 98th and 99th Sts., 1st Ave. and East River	27,500.00			
		$622,956.51			
1898.	Legal services in connection with the acquisition of block 98th and 99th Sts., 1st Ave. and Harlem River	8,250.00			
		$631,206.51			
1906.	Establishing boundary line	10.00			
		$631,216.51			
1910.	Sidewalks, E. S. of 2nd Ave. betw. 98th & 99th Sts.	256.05		Sidewalks removed	$1,975.42
	Sidewalks, N. S. of 98th St. betw. 1st and 2nd Aves.	834.94		By Balance	631,309.37
	Sidewalks, W. S. of 2nd Ave. betw. 98th and 99th Sts.	263.71			
	Sidewalks, S. S. of 99th St. betw. 1st and 2nd Aves.	713.58			
		$633,284.79			$633,284.79
1911	Jan. 1, To Balance	$631,309.37			

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—111th St. Station

1884.	Nov. 11, Rowland's Appraisal				
	Land	$576,000.00			
	Bulkhead and water rights	100,000.00			
		$676,000.00			
1890.	Purchase price of gore lot 110th St., 175 ft. east of 2nd Avenue	7,000.00			
		$683,000.00			
1899.	Moving building at 111th Street and 1st Avenue	140.00			
		$683,140.00			
1900.					
			Moving building at 111th St. and 1st Ave. Transferred to Construction	$140.00	
			Award from the City of New York for part of Block No. 1705, 111th and 112th Sts., Pleasant Ave. and Ave. A, taken by the city for a Public Park	118,900.00	
			By Balance	564,100.00	
		$683,140.00			$683,140.00
1901.	Jan. 1, To Balance	$564,100.00			
1905.	This sum together with two gore lots in block bounded by 111th and 112th Streets, 1st and 2nd Aves., given in exchange for one gore lot in same block	250.00			
		$564,350.00			
1906.	Establishing boundary line	10.00			
		$564,360.00			

1908.	Coke Storage Yard	1,066.01		
	Surveying	56.90		
	Paving Roadway—Coke Yard	1,681.50		
	Iron fence around 111th St.—Holders	5,227.48		
	Grading and sodding	2,111.10		
	Sidewalk	2,074.32		
	Dock improvements	13.23		
		$576,590.54		
1909.	Wagon Shed	2,141.93		
	Grading and sodding	2.50		
	Sidewalks	346.66		
	Paving Stable Yard	22.75		
		$579,104.38		
1910.	Wagon Shed	54.01		
	Paving 111th Street Dock	522.70		
	Sidewalks, 1st Ave. 110th and 111th Streets	258.92		
		$579,940.01	Land sold, located at 1st Ave., 110th to 111th Sts.	$50,520.00
1912.	Crib Bulkhead	4,613.86	By Balance	534,847.94
	Backfilling	340.78		$585,367.94
	Grading Marginal St	473.29		
		$585,367.94		
1913.	Jan. 1, To Balance	$534,874.94		
	Paving Coke Storage Yard	301.16		
		$535,149.10		

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—132ND ST. STATION

1892.	Purchase price of 53 lots—12th Ave., 132nd to 133rd Sts	$235,000.00		Award from City of New York Riverside Drive Viaduct Damages	$28,567.50
1906.				By Balance	206,432.50
		$235,000.00			$235,000.00
1907.	Jan. 1, To Balance	$206,432.50			
	Land drain	8.51			
		$206,441.01			
1908.	Grading	26.37			
		$206,467.38			
1909.	Grading and filling	115.48			
	Sidewalks and curbing	113.56			
	Fences	501.30			
		$207,197.72		Sidewalks removed	$2,611.01
1910.	Sidewalks and curbing	2,685.21		By Balance	207,271.92
		$209,882.93			$209,882.93
1911.	Jan. 1, To Balance	$207,271.92			
1914.	Seven (7) lots on W. 132nd St. 400 ft. west of Broadway	50,000.00			
		$257,271.92		Land sold, located at 132nd & 133rd Sts. west of Broadway	$146,320.75
1917.				By Balance	110,951.17
		$257,271.92			$257,271.92
1918.	Jan. 1, To Balance	$110,951.17			

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—Inwood Station

1884.	Nov. 11, Rowland's Appraisal Land	$28,000.00		Award from the City for land taken in opening Sherman Avenue	$225.12
1897.				By Balance	27,774.88
		$28,000.00			$28,000.00
1898.	Jan. 1, To Balance	$27,774.88			

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—Hester and Elizabeth Streets

1884.	Nov. 11, Office and Shop on 6 lots, 100x50'	$100,000.00
1893.	Improvements at 78-80 Elizabeth St	800.00
		$100,800.00
1894.	Paving blocks	81.00
		$100,881.00
1903.	Additional iron shutters	475.00
	Small iron building for storage of paints, oils, etc.	315.00
		$101,671.00
1906.	Wagon Shed, 80 Elizabeth St	337.70
	Wash Basin, Hester St. Shop	174.00
		$102,182.70
1907.	Additions to Hester Street Office Building	19,204.62
		$121,387.32

1909.	Shedding, Hester St. Shop	273.25
	Improvement to Wagon Shed	25.54
		$121,686.11
1910.	Improvement to Wagon Shed	1,276.06
	Sidewalks, 631-33 E. 17th St	79.20
		$123,041.37
1913.	Grading E. 17th St. Yard	194.74
		$123,236.11
1914.	Basement windows	138.59
	Paving	326.36
	Pipe Rail Fence	140.39
	Draughting	144.57
		$123,986.02
1915.	Jan. 1, To Balance	$123,686.02
	Paving	11.78
		$123,697.80
1916.	Jan. 1, To Balance	$123,589.03
	Paving Hester Street	226.80
		$123,815.83
1918.	Plumbing Hester St. Branch	450.00
		$124,265.83

Steel Picket fence removed	$300.00
By Balance	123,686.02
	$123,986.02
Granite block pavement removed	108.77
By Balance	123,589.03
	$123,697.80

1884.	Nov. 11, Office and Dwelling on two lots	$175,000.00
1885.	No. 2 Irving Place	25,000.00
		$200,000.00
1887.	Vault No. 4 Irving Place	1,500.00
		$201,500.00
1898.	Additions to No. 4 Irving Pl	15,000.00
		$216,500.00
1902.	Purchase price of 128 E. 15th Street	14,250.00
		$230,750.00
1904.	Closets, Carpentery, etc. at General Office	317.57
	Sinks No. 2 Irving Place	2.82
	Concrete flagging at 126 East 15th Street	45.00
	Extending vault at No. 4 Irving Place	1,472.00
		$232,587.39
1905.	Stationery Room at No. 4 Irving Place	40.81
	Exhaust Stack	365.96
	Stock Room	23.95
	Book Room, 4 Irving Place	14.40
	Skylight, 124 E. 15th St	46.35
	Exhaust Fan. 4 Irving Place	152.00
	Blower—4 Irving Place	43.23
		$233,274.09
1906.	Exhaust Fan, 4 Irving Pl	141.50
	Photometer Room, 4 Irving Pl	144.23
	Ceiling No. 4 Irving Place	148.50
		$233,708.32
1907.	Improvement to Elevator G. O	150.00
	Galvanized auto shed E. 15th St	138.00
		$233,996.32

1908.	Fire Escape, 124 E. 15th St	110.00		
	Additional columns and floor beams No. 4 Irving Place	5,591.05		
	Toilets No. 4 Irving Place	680.30		
		$240,377.67		
1909.	Jan. 1, To Balance	$239,445.88		
	Additional columns and floor beams, No. 4 Irving Place	7,441.83		
	Toilets No. 4 Irving Place	1,389.93		
	Basement Floor, 4 Irving Pl	121.58		
	Fire Escape	137.00		
	Extension to Auto Shed E. 15th St	5.47		
		$248,541.69	Original Cost of building 128 E. 15 St. dismantled	$3,000.00
1910.	Extension to Auto Shed	362.69	Less—Fire Insurance recovered	931.79
	Alterations at No. 2 Irving Pl	312.00		$2,068.21
	Driveway—128 E. 15th St	349.83		
		$249,566.21	Original cost of building and improvements at 124 E. 15th St. dismantled	16,057.34
	Forward	$249,566.21	By Balance	231,682.66
1911.	Fire Escape No. 2—4 Irving Place	242.00		$249,808.21
		$249,808.21		
1912.	Jan. 1, To Balance	$231,682.66		
	130-4 E. 15th St	203,660.93		
	136 E. 15th St	30,425.43		
	138 E. 15th St	51,355.87		
	140 E. 15th St	50,628.72		
		$567,753.61	No. 2-4 Irving Place, original cost of buildings and improvements dismantled	$95,432.66
1913.	142 E. 15th St	45,263.03	By Balance	517,583.98
		$613,016.64		$613,016.64

Fire Loss Recovery	$931.79	
By Balance	239,445.88	
	$240,377.67	

1914.	Jan. 1. To Balance	$517,583.98	
	142 E. 15th St	25.00	
		$517,608.98	
1915.	142 E. 15th St	25.00	
		$517,633.98	
1916.	142 E. 15th St	25.00	
		$517,658.98	

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—124-40 EAST 15TH STREET

New General Office Building

1910.	New Building	$895.28			
1911.	New Building	369,231.86			
		$370,124.14			
1912.	New Building	47,373.29			
		$417,500.43			
1913.	New Building	2,125,914.58			
		$2,543,415.01	Extraordinary expense in connection with the construction of the General Office Building, charged to Renewal and Contingency..		$488,378.89
1914.	New Building	706,616.01	General Office Building Equipment transferred to Furniture and Fixtures		275,958.94
		$3,250,031.02	By Balance		2,518,868.63
1915.	New Building	33,175.44			
		$3,283,206.46			$3,283,206.46
1916.	Jan. 1, to Balance	$2,518,868.63			
	New Building	17,570.50			
		$2,536,439.13			
1917.	New Building	1,979.11			
		$2,538,418.24			
1918.	New Building	6,956.94			
		$2,545,375.18			

CONSOLIDATED GAS COMPANY OF N. Y

REAL ESTATE—142 EAST 15TH STREET

Easterly Extension

1915.	New Building	$12,856.26
1916.	New Building	43,743.82
		$56,600.10

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—212-18 WEST 57TH STREET

1915.	Purchase price of land	$401,422.25
1916.	New Building	38,222.45
		$439,644.70
1917.	New Building	242,074.45
		$681,719.15
1918.	New Building	14,421.57
		$696,140.72

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—EAST 60TH AND 61ST STS., AVE. A AND 1ST AVE.

1884.	Nov. 11, Rowland's Appraisal Land	$158,250.00
1903.	Fire Escapes—Tenements, Ave. A. 60th & 61st Sts.	125.00
		$158,375.00
1910.	Driveway at 420 E. 61st St	21.96
		$158,396.96
1914.	Water Meter and one inch water service at 421 East 60th Street	118.00
		$158,514.96
1915.	Fence—60th and 61st Sts. west of Avenue A	273.59
		$158,788.55

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—66TH ST. STREET DEPARTMENT AND SHOP

West 65th St., Betw. 11th Ave. and Hudson River R. R. Cut

1884.	Nov. 11, Rowland's Appraisal	
	Land	$115,000.00
1902.	Shop & Street Dept. Building	50,485.95
		$165,485.95
1903.	Shop & Street Dept. Building	642.92
		$166,128.87
1904.	Shed, 66th St. Shop	190.00
	Sheds, 66th St. Street Dept	1,886.81
	Toilet & Sink, 66th St. Street Dept	175.00
	Grading and Paving, 66th St. Yard	976.03
		$169,356.71
1905.	Sheds, 66th St. Street Dept	139.90
	Stairway, cellar to yard, 66th St. Street Dept.	72.06
	Toilet, 66th St. Street Dept	182.75
		$169,751.42
1906.	Wash Stand—66th St. Shop	174.84
		$169,926.26
1907.	Improvement to Elevator	109.00
	Wash Stand—66th St. Shop	1.05
		$170,036.31
1908.	Carpenter Shop—66th St. Street Department	54.03
	Blacksmith Shop—66th St. Street Department	116.68
	Additional Truss Girders, 66th Street Shop	945.04
	Concrete Floor, 66th St. Shop	185.77
		$171,337.83

1909.	Additional flooring, 66th Street Shop	482.00
	Additional Elevator Hoist, 66th Street Shop	213.63
	Pipe & Fitting Storeroom 66th Street Shop	149.07
	Overhead Trolley 66th Street Shop	119.08
	Sidewalk—66th Street west of West End Avenue	403.63
	Stall in old emergency wagon shed	43.33
	Platform extension, 66th St. Shop	48.75
		$172,797.40
1910.	Pipe & Fitting Storeroom 66th St. Shop	116.99
	Platform extension 66th St. Shop	184.26
	Stove Repair Racks 66th St. Shop	25.71
	Runway, 66th St. Shop	287.24
	Emergency Wagon Shed, 65th St. Yard	5,199.04
		$178,610.64
	Forward	$178,610.64
1911.	Regrading Yard, 66th St. Shop	134.55
	Sink, 66th St. Shop	18.65
	Loading Platform	15.52
	Runway	222.46
	Addition to 66th St. Shop	9,595.67
	Emergency Wagon Shed, 65th St. Yard	24.50
		$188,621.99
1912.	Paving, 66th St. Yard	28.55
	New Street Dept. Office	5,286.10
	Addition to 66th St. Shop	2,067.96
	Sidewalk Elevator, 66th St. Shop	124.03
	Loading Platform	13.75
	Garage extension, 65th St	465.42
		$196,607.81

1913.	New Street Dept. Office	9,310.94		
	Sidewalk Elevator, 66th St. Shop	254.53		
	Floor over sidewalk elevator	71.23		
	Loading Platform	20.57		
	2" Water Meter—Emergency Wagon Shed	90.78		
		$206,355.86		
1914.	Jan. 1, To Balance	$205,518.23	Hand Elevator retired 66th St. Shop	$672.63
	Flooring, 66th St. Shop	94.72	Portion of Brick Fence at 66th St. and West End Ave. removed	165.00
	Sewer Drain, 66th St. St. Dept	45.04	By Balance	205,518.23
		$205,657.99		$206,355.86
1915.	Jan. 1, To Balance	$205,417.99	Vault light floor removed at 66th St. Shop	$240.00
	Sewer Drain, 66th St. Yard	300.40	By Balance	205,417.99
	Steam Boiler, 66th St. Shop	583.97		$205.657.99
	New Street Dept. Office	78.75		
		$206,381.11	Steam boiler retired	$400.00
1916.	Jan. 1, To Balance	$205,981.11	By Balance	$205,981.11
				$206,381.11

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—222-4-6-8 West 65th Street

1904.	Purchase Price	$60,000.00			
	Searching Title	266.75			
		$60,266.75		Building 222 W. 65th St. Sold to House Wrecking Co.	$445.00
1906.	Paid for cancellation of lease of 222-8 West 65th Street	2,000.00		By Balance	61,821.75
		$62,266.75			$62,266.75
1906.	Jan. 1. To Balance	$61,821.75			
1908.	Fire Escapes	32.00			
		$61,853.75			
1910.	Sidewalks	104.36			
		$61,958.11			
1916.	Garage 222-8 W. 65th St	935.63			
		$62,893.74			
1917.	Garage 222-8 W. 65th St	71,423.76			
		$134,317.50			
1918.	Garage 222-8 W. 65th St	97.48			
		$134,414.98			

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—114th St. and 3rd Avenue

1884.	Nov. 11. Rowland's Appraisal. Land & Office Building	$50,000.00
1892.	A/C of Premises, 175-7 East 114th Street	1,000.00
		$51,000.00
1893.	Balance of purchase price of 175-7 E. 114th St.	24,342.23
	3rd Ave. Office addition	62,158.57
		$137,500.80

	3rd Ave. Office addition	$137,500.80			
1903.	Additional iron shutters	699.00			
	4 Lavatories, Branch and Shop	249.47			
		$138,181.27			
1904.	Shutters and vaults	250.00			
	Window bars and guards	67.00			
	Extending chimney, 177 E. 114th St.	220.04			
		$138,718.31			
1906.	Exhaust Fan, 2084 3rd Ave.	180.46			
	Vault addition	45.00			
	Wash Basin—Shop	175.84			
		$139,119.61			
1907.	Wash Basin & Closet at 175 E. 114th St.	44.37			
		$139,163.98			
1908.	Exhaust Fan—Shop	31.00			
		$139,194.98			
1910.	Extension, 114th St. Office	6,268.04			
		$145,463.02			
1911.	Toilets	1,467.10			
	Gas Steam Boiler	327.50			
		$147,257.62		Sunray water heater retired	$60.00
1912.				By Balance	147,197.62
		$147,257.62			$147,257.62
1913.	Jan. 1, To Balance	$147,197.62			
1914.	Sink—114th St. Office	28.47			
		$147,226.09			
1917.	Alteration to entrance 114th St., 3d Ave.	2,057.39			
		$149,283.48			
1918.	Additional toilets, wash stands and storm doors.	872.08			
		$150,155.56			

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—116th St. and Lexington Avenue

1902.	Purchase price of plot located at 116th St. and Lexington Avenue	$65,000.00
1908.	Sidewalks	53.30
		$65,053.30
1916.	Sidewalks	93.30
		$65,146.60

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—132nd St., Locust Ave. and East River

1906.	Purchase price of land	$90,000.00
1907.	Survey of property, title insurance and incidentals	436.75
		$90,436.75
1908.	Searching title and incidentals	295.00
		$90,731.75
1910.	Survey of property	75.00
	Crib bulkhead	4,921.22
		$95,727.97
1911.	Crib bulkhead	6,234.54
		$101,962.51
1916.	East 132nd St. Dock	1,989.24
		$103,951.75
1917.	Jan. 1, To Balance	$99,451.75

	Plot of land sold, located on the N. S. of 132nd St. about 200 ft. east of the E. S. of Locust Ave.	$4,500.00
	By Balance	99,451.75
		$103,951.75

CONSOLIDATED GAS COMPANY OF N. Y.
REAL ESTATE—474 WEST 139TH STREET.

1909.	Purchase price of 474 West 139th St.	$58,000.00			
	New Shop	124.87			
		$58,124.87			
1910.	Title insurance	312.50			
	New Shop	27,086.28			
		$85,523.65			
1911.	New Shop	890.61			
		$86,414.26			
1912.	Remodeling 1st floor	144.36	Stalls, plumbing and harness room demolished	$1,561.54	
	Ventilating apparatus	557.00	By Balance	85,554.08	
		$87,115.62			$87,115.62
1913.	Jan. 1, To Balance	$85,554.08			
	Elevator Gates	334.22			
		$85,888.30			
1914.	Vaults	74.38			
	Call system on elevators	52.50			
	Screens on windows and elevator shafts	27.25			
	Fire Doors	80.46			
		$86,122.89			
1915.	Guards for shuttle guides	5.46			
		$86,128.35			
1916.	Elevator Engine	1,432.28			
	Safety guards on belts	12.32	Elevator engine, motor and belt retired	$950.00	
	Charging board—Garage	385.26	By Balance	87,028.21	
		$87,978.21			$87,978.21
1917.	Jan. 1, To Balance	$87,028.21			

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—166th St. and Audubon Ave.

1915	Purchase price of land and building situated at the N. E. cor. 166th St. and Audubon Ave.		
	Land	$55,725.00	
	Building	619.80	
		$56,344.80	

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—201st St. Property.

1910	Cost of land between 201st St., Academy St. and Harlem River, together with carrying charges billed by New York Edison Co.	$749,998.18		
1911	Additional charges billed by New York Edison Company	5,664.48		
		$755,662.66		
1912	Additional charges billed by New York Edison Co.	824.86	Property sold to the United Electric Light & Power Co.	$756,487.52
		$756,487.52		$756,487.52

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—Harlem River Terrace & Fordham Road Kingsbridge

1910	Purchase price of property situated on the N. S. of Fordham Rd., betw. Sedgwick Ave. and Harlem River	$255,000.00
	Excess of purchase price and carrying charges over selling price of property acquired by the Northern Union Gas Co. for the purpose of erecting a holder, which project was abandoned	27,716.83
	Title Insurance to Harlem River Terrace and Fordham Road property	804.25
	Survey of Fordham Road property	300.00
	Appraisal of Fordham Road property	50.00
	Sidewalks, Fordham Road property	101.12

1911.	Planting Trees	63.50		
		$284,035.70		
1912.	Planting Trees	310.75	Award from City of New York for the widening of Sedgwick Avenue	$15,718.00
	Grading	5,244.27	By Balance	274,122.72
	Additional cost of Fordham Road property	250.00		$289,840.72
		$289,840.72		
1913.	Jan. 1, To Balance	$274,122.72		
	Grading	8,571.92		
		$282,694.64		
1914.	Grading	463.29		
	Planting Trees	17.71		
		$283,175.64		
1915.	Grading	83.72		
		$283,259.36		
1916.	Grading	16.12	Award from the City of New York for property condemned	$13,752.10
			By Balance	269,523.38
		$283,275.48		$283,275.48
1917.	Jan. 1, To Balance	$269,523.38		
	Grading	8.19		
		$269,531.57		

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—Kent Avenue—Brooklyn

1914.	Purchase price of property located between Kent Ave. and Wallabout Canal:		
	Land	$72,684.00	
	Office	2,000.00	
	Wagon Shed	750.00	
		$75,434.00	
1915.	Kent Ave. Bulkhead	2,182.03	
		$77,616.03	
1916.	Kent Ave. Bulkhead	295.70	
	Toilet—Kent Ave. property	19.45	
		$77,931.18	

CONSOLIDATED GAS COMPANY OF N. Y.

Real Estate—Shadyside, N. J.

1884.	Nov. 11, Rowland's Appraisal		
	Land, 16.76 acres (7.48 under water)	$50,000.00	
1889.	Bulkhead and Pile Dyke	34,450.00	
		$84,450.00	
1890.	Bulkhead and Pile Dyke	3,345.76	
	Filling in behind Bulkhead and Pile Dyke	6,856.11	
		$94,651.87	
1891.	Bulkhead and Pile Dyke	20,654.20	
	Filling in behind Bulkhead and Pile Dyke	11,851.87	
		$127,157.94	
1892.	Bulkhead and Pile Dyke	4,480.00	
	Filling in behind Bulkhead and Pile Dyke	35,682.11	
		$167,320.05	

1893.	Bulkhead and Pile Dyke	168.43		
	Filling in behind Bulkhead and Pile Dyke	42,824.79		
		$210,859.22		
1894.	Bulkhead and Pile Dyke	7,778.27		
	Filling in behind Bulkhead and Pile Dyke	34,333.85		
		$252,941.34		
1895.	Filling in behind Bulkhead and Pile Dyke	30,295.62		
		$283,236.96		
1896.	Filling in behind Bulkhead and Pile Dyke	32,575.78		
		$315,812.74		
1897.	½ acre adjoining Coy's land at Shadyside, N. J.	2,500.00		
	Filling in behind Bulkhead and Pile Dyke	29,376.41		
		$347,698.15		
1898.	Bulkhead and Pile Dyke	5,500.00		
	Filling in behind Bulkhead and Pile Dyke	31,172.44		
		$384,361.59		
1899.	Filling in behind Bulkhead and Pile Dyke	24,643.76		
		$409,005.35		
1900.	Filling in behind Bulkhead and Pile Dyke	3,136.80		
		$412,142.15		
1903.	Dredging at Shadyside, N. J.	3,059.29		
	Bulkhead and Pile Dyke	16,929.78		
		$432,131.22		
1904.	Surveying at Edgewater, N. J.	40.00		
		$432,171.22		
1905.	Measurements and soundings at Bulkhead	25.00		
		$432,196.22	Shadyside property sold	$432,196.22
1910.				
		$432,196.22		$432,196.22

CONSOLIDATED GAS COMPANY OF N. Y.

REAL ESTATE—ASSESSMENTS

1886.	Widening Gansevoort St	$441.75
	Sewer, West End Ave. 65th and 66th Sts. and 65th St. west of West End Ave	12,060.63
		$12,502.38
1887.	Improvements to Harlem River and Spuyten Duyvil Creek from North River to Harlem River	738.63
		$13,241.01
1888.	Paving, 1st Ave. 92nd to 109th Sts	2,944.25
	Paving, 65th St. 10th to 11th Aves	3,592.97
	Regulating and grading 65th St. betw. 10th & 11th Aves	1,640.97
		$21,423.17
1889.	Regulating and grading 110th St. betw. 1st and Pleasant Aves	1,457.21
	Cross walks—N. S. of 111th St. & 1st Ave	183.63
	Cross walks—112th St. and 1st Ave	35.24
	Changing grade on 110th St. betw. 1st Ave. to Riverside Drive	177.42
	Regulating and grading, Kingsbridge Rd. 133th to 190th Sts	99.09
		$23,377.77
1890.	Paving and laying cross walks, West End Ave. 65th to 69th Sts	4,467.80
	Paving, 66th St. 10th and 11th Aves	3,720.10
	Sewer alterations in 14th, 15th & 16th Sts. and 11th Ave. betw. 14th & 17th Sts	2,163.93
		$33,669.60
1891.	Flagging, 15th St. Aves. A to B	7.30
	Extension sewer outlet, 62nd St. & East River	23.94
	Repaving 19th St. west of 10th Avenue	821.82
	East River Park	380.00
		$34,902.81

1892.	Basin, N. W. & S. cor. Pleasant Ave. & 110th St.	229.40
	Alterations & improvements to sewer, 20th St., 10th Ave. and North River	33.66
	Paving, 110th St., 1st Ave. to Harlem River	4,743.54
	Paving, 20th St., Ave. A & E. R.	5,347.60
	Sewer, West End Ave & N. R.	1,662.72
	Basin, N. E. & N. W. cor. 14th St. & Ave. C	515.18
	Paving, 18th St., 11th to 13th Aves.	1,025.88
	Paving, 13th Ave., 17th to 18th Sts.	6,818.33
	Paving, 16th St., Ave. A to East River	1,412.58
	Carried forward	$56,691.71
	Real Estate—Assessments	
1892.	*Brought Forward*	$56,691.71
	Paving, 16th St., 10th Ave. and North River	6,917.53
	Paving, 16th St., Ave. C and East River	4,149.93
	Paving, 16th St., 10th Ave. to North River	153.33
		$67,912.50
1893.	Regulating and grading 1st Ave., betw. 92nd and 109th Sts., incl. interest	18,206.55
	Flagging and curbing 110th St., 1st to 2nd Aves.	283.86
	Paving and laying cross walks, 98th St., 1st to 2nd Aves.	3,339.17
	Regulating and grading, curbing and flagging 132nd St. Boulevard and 12th Ave	2,281.85
		$92,023.93
1894.	Sewer improvement, 111th St., Harlem River & 1st Ave	1,383.85
	Sewer improvement, 18th St. 10th Ave. to North River	585.65
	Sewer improvement, 18th St. betw. Ave. A and E. R.	943.51
	Sewer improvement, Foot of West 42nd Street	231.54
	Sewer improvement, 111th St. 1st Ave. & Harlem River	100.80
	Lexington Ave. Opening, 97th to 102nd Sts.	394.00
	Paving 20th St., 10th Ave. to North River	3,266.22
		$98,929.50

1895.	Sewer improvement, 62nd St., Ave. A and 1st Ave.	3,519.20		Interest on assessment for regulating and grading 1st Ave., betw. 92nd and 109th Sts. Transferred to Profit & Loss	$6,291.50
	Receiving basins (4 corners) 14th st. and Ave. D	287.97		By Balance	107,560.95
	Receiving basins, N. E. & S. E. cor. 44th St and 12th Ave	167.76			
	Sewer improvement, 132nd St. 12th Ave. and Boulevard	1,683.12			
	Sewer improvement, 130th St. Manhattan St. N. S. W. 130th St. and 12th Ave	152.86			
	Sewer, 133rd St., betw. 12th Ave and Boulevard	2,633.69			
	Sewer 62nd St., E. Boulevard and East River	143.65			
	Regulating, grading, curbing and flagging 133rd St. 12th Ave., to Boulevard	6,047.99			
	Receiving basin, 21st St. and Ave. A	172.90			
	Regulating, grading and curbing from North River to Exterior Street	13.81			
		$113,852.45			$113,852.45
		Real Estate—Assessments			
1896.	Jan. 1, To Balance	$107,560.95			
	Regulating grade, Kingsbridge Rd. 190th St. to Harlem River	4,108.72			
	Sherman Ave opening from Kingsbridge Rd. to 10th Ave	174.79			
	Regulating grade of Ft. Washington Rd	82.39			
		$111,926.85			
1897.	Paving 133rd St. 12th Ave. & Boulevard	2,473.67		Refund on assessments for opening 12th Ave. 59th to 110th Sts	$2,554.00
	Receiving basins, N. E. & S. W. cor. 13th Ave. & 17th St	676.84		By Balance	117,712.25
	Dyckman St Sewer outlet betw. Kingsbridge Rd. and North River	2,986.92			
	Exterior St. opening, from center line of E. 64th St. to northerly line of East 81st St	2,201.97			
		$120,266.25			$120,266.25

1898.	Jan. 1, To Balance	$117,712.25	Refund on assessment for regulating and grading on Kingsbridge Rd. from 190th St. to Harlem River	$609.60
	155th St. Viaduct	662.40	Award from Manhattan Elevator Railway Co. for damages to property by erecting and maintaining elevated railway	2,227.29
	Regulating and grading 130th St. from Convent Ave. to St. Nicholas Terrace	295.09	By Balance	115,853.59
	Dyckman St. Sewer, betw. Harlem River Driveway and Kingsbridge Rd	20.74		$118,690.48
		$118,690.48		
1899.	Jan. 1, To Balance	$115,853.59		
	Opening and extending St. Nicholas Terrace	186.50		
	Flagging & curbing 14th, 15th and 16th Sts., betw. 10th and 11th Aves	1,302.99		
	Sewer—Naegle & 11th Ave	37.47		
	Sewer—20th Street	319.80		
	Opening Exterior St. from E. 64th St. to E. 81st St.	.50		
		$117,700.85		
1900.	Sewer, Naegele Ave. betw. Academy & Dyckman St.	$43.10		
	Sewer, 63rd St. betw. Ave. A and East River	69.04		
	Regulating, grading, curbing and flagging Sherman Ave., 10th Ave. to Kingsbridge Road	819.30		
		$118,632.29		
1901.	Receiving basins, N. E. & N. W. cor. 15th St. & Ave. D	418.25		
	Carried forward	$119,050.54		

REAL ESTATE—ASSESSMENTS

1901.	*Forward*	$119,050.54
1902.	Sewer in 201st St. with branches in Academy St., 9th, Post and Sherman Aves.	55.98
	Sewer outlet, 129th St. and North River	185.50
	Sewer, 11th Ave., 40th to 42nd Sts.	1,521.47
		$120,813.49
1903.	Alterations on Elm Street	971.68
	Paving on West 66th St.	2,605.08
	Sewer, 3rd Ave. 13th to 17th Sts. and 13th St. 3rd to 4th Avenues	449.96
		$124,840.21
1904.	Receiving basin, 66th St. N. S. adjoining walls of N. Y. C. & H. R. R. Co.	347.86
	Opening 135th St. from Riverside Drive to Boulevard	85.56
	Asphalt pavement from 187th St. to Dyckman Street	2,268.42
		$127,542.05
1905.	Crosswalks, W. S. B'way at 132nd St., S. S. 133rd St. at B'way, N. S. 132nd St. at B'way, S. S. 132nd St. at B'way, W. S. of B'way at 133rd St. and N. S. of 130th and 131st Sts.	254.11
		$127,796.16
1906.	Sewer outlet and overflow at foot of E. 21st St. and sewers on Marginal St. on W. S. between 18th and 23rd Sts. with alterations and improvements to sewer in 22nd St. between Marginal Street and Avenue A	7,334.63
	Paving 65th St., from West End Ave. to Railroad Wall	4,619.08
		$139,749.87

1907.	Elm St. opening, widening and extending from City Hall Place, near Chambers St., to Great Jones St., opposite Lafayette Place	50.82
		$139,800.69
1909.	Paving—West 42nd St	10,441.31
	Paving East 15th St	2,502.57
		$152,744.57
1910.	Opening E. 136th St. from Locust Ave. to East River	188.00
	Acquiring title to E. 149th St. from Southern Boulevard to the easterly bulkhead line of Harlem River	14.50
		$152,947.07
	Forward	$152,947.07
	Opening E. 149th St. from Southern Boulevard to Austin Place	2.56
	Sewer in Sherman Ave. betw. 10th Ave. and Emerson St	398.56
	Paving Sherman Ave. from Broadway to 10th Ave.	1,155.55
	Opening 135th St. to Boulevard Lafayette	459.09
	Riverside Drive Extension and Parkway Openings	484.60
		$155,447.43
1911.	Exterior St., regulating, grading, curbing of and construction of retaining walls from East 64th to East 81st Streets	1,248.57
	Paving—158th St., between St. Nicholas and Edgecombe Avenue	9.77
	Opening 135th St. to Boulevard Lafayette	.08
		$156,705.85
1912.	Paving, 132nd St. from Broadway to 12th Ave.	4,507.37
		$161,213.22

1913.	Widening Sedgwick Ave.....	9,832.00
	Paving and laying cross-walks on 13th Ave. from 16th to 23rd Sts.....	11,005.61
		$182,050.83
1914.	Widening Canal St. between Bowery and Chrystie St.	258.08
	Regulating Kingsbridge Road and Bailey Ave. to line between Manhattan and Bronx.....	92.25
	Regrading Albany Road, Bailey and Sedgwick Aves.	10,098.63
		$192,499.79
1915.	Acquiring title to E. 161st St., Elton to Mott Aves.	23.68
	Regulating and grading Fordham Road from Harlem River Terrace to Webster Avenue.....	1,172.58
		$193,696.05
1916.	Acquiring title to Fordham Road and Public Park	7,952.78
	111th St. Sewer Alteration, from 134th St. East of 2nd Avenue.....	575.00
	Acquiring title to portion of Sedgwick Ave., Bailey Ave. between Sedgwick Ave. and Albany Road; Albany Road between Bailey Ave. and Van Cortlandt Park; Heath Ave. between W. 189th and 191st Streets; Public Park between Heath and Bailey Aves., S. of W. 191st St. Kingsbridge Road betw. Exterior St. and Bailey Ave.....	1,879.80
	Forward	204,103.63

1916.	*Forward*	$204,103.63
	Receiving Basin in Amsterdam Ave., N. W. cor. 65th St.	260.00
	Receiving Basin, S. E. cor. Broadway and 57th St.	62.00
		$204,103.63
1917.	Receiving Basin, N. E cor. 20th St. and Ave. B..	667.10
	Paving Fordham Road from Webster Ave. to Harlem River Terrace and setting curbing where necessary	2,254.90
		$207,347.63
1918.	114th St. Sewer between 1st Ave. and East River, and alteration and improvement to sewer in 114th St. about 75 ft. east of 3rd Ave. to 3rd Ave.	938.74
	Alteration and improvement to sewer in 53rd St. about 50 ft. east of 3rd Ave. and in 3rd Ave. between 53rd and 54th Streets	11.22
	Alteration and improvement to sewer in 151st St between 7th Ave. and Harlem River	14.82
		$208,312.41

COMPLAINANT'S EXHIBIT 472.

SCHEDULE B.

CONSOLIDATED GAS COMPANY OF NEW YORK

Detailed Statement of the Cost of the Company's Manufacturing Plants and Holder Stations To and Including December 31, 1913

BOOK VALUE OF PLANTS

	E. 14 St. Sta.	W. 18 St. Sta.	E. 21 St. Sta.	W. 42 St. Sta.	W. 44 St. Sta.	E. 63 St. Sta.	W. 65 St Sta.	E. 99St. Sta	E. 111 St. Sta.
Nov. 11, 1884	$1,706,445.00	$1,922,984.21	$2,879,000.00	$1,456,527.00	$1,815,125.00	$205,025.00	$387,448.00	$983,937.20	$806,000.00
1884.....	66.75	.....	186.37	.....	332.79	.....	.....	.....	.....
Dec. 31, 1884	1,706,511.75	1,922,984.21	2,879,186.37	1,456,527.00	1,815,457.79	205,025.00	387,448.00	983,937.20	806,000.00
1885.....	*2,363.54	*3,546.04	*2,089.95	7,537.16	360.44	.....	.....	5,822.04	4,952.50
Dec. 31, 1885	1,704,148.21	1,919,438.17	2,877,176.42	1,464,064.16	1,815,818.23	205,025.00	387,448.00	989,759.24	801,047.50
1886.....	.....	63.00	*2,220.35	6,859.45	1,113.99	53.58	26,250.00	5,870.55	.....
Dec. 31, 1886	1,704,148.21	1,919,501.17	2,874,956.07	1,470,923.61	1,816,932.22	205,078.58	413,698.00	995,629.79	801,047.50
1887.....	269,634.51	24.00	4,631.51	.....	42,839.46	.....	19,673.75	4,143.10	295.40
Dec. 31, 1887	1,973,782.72	1,919,525.17	2,879,587.58	1,470,923.61	1,859,771.68	205,078.58	433,371.75	999,772.89	801,342.90
1888.....	338,877.13	13,784.63	36,789.67	*225.00	55,656.44	17,924.24	27,810.02	7,242.85	20,443.23
Dec. 31, 1888	2,312,659.85	1,933,309.80	2,916,377.25	1,470,698.61	1,915,428.12	223,002.82	461,181.77	1,007,015.74	821,786.13
1889.....	9,584.25	622.22	12,191.64	6,936.86	151.45	261,098.10	4,246.10	2,664.43	14,164.06
Dec. 31, 1889	2,322,244.10	1,933,932.02	2,928,568.89	1,477,635.47	1,915,579.57	484,100.92	465,427.87	1,009,680.17	835,950.19
1890.....	1,212.52	15,942.09	7,006.29	11,618.01	5,843.11	72,352.22	.....	161.69	4,829.84
Dec. 31, 1890	2,323,456.62	1,949,874.11	2,935,575.18	1,489,253.48	1,921,422.68	556,453.14	465,427.87	1,009,841.86	840,780.03
1891.....	377.91	.....	191,995.43	*1,050.00	1,149.83	1,756.92	98.88	18,992.70	5,240.39
Dec. 31, 1891	2,323,834.53	1,949,874.11	3,127,570.61	1,488,203.48	1,922,572.51	558,210.06	465,526.75	1,028,834.56	846,020.42
1892.....	.....	.....	87,687.34	4,656.00	*34,176.02	832.98	71,795.72	39.58	.....
Dec. 31, 1892	2,323,834.53	1,949,874.11	3,215,257.95	1,492,859.48	1,888,395.59	559,043.04	537,322.47	1,028,874.09	846,020.42
1893.....	.....	296,963.55	32,262.51	3,262.39	*13,779.14	2,611.32	280,560.61	11,075.66	.....

* In red ink on original.

Dec. 31, 1893	2,323,834.53	2,246,837.66	3,247,520.46	1,496,121.87	1,874,616.45	561,654.36	817,883.08	1,039,949.75	846,020.42
1894.....	4,502.44	93,444.93	8,980.48	*5,600.00	1,569.36	1,183.99	55,108.23	.....	.....
Dec. 31, 1894	2,328,336.97	2,340,282.59	3,256,500.94	1,490,521.87	1,876,185.81	562,838.35	872,991.31	1,039,949.75	846,020.42
1895.....	10,595.93	1,963.17	2,214.76	170.00	2,162.29	.....	.....	.....	.....
Dec. 31, 1895	2,338,932.90	2,342,245.76	3,258,715.70	1,490,691.87	1,878,348.10	562,838.35	872,991.31	1,039,949.75	846,020.42
1896.....	709.45	13.96	11,680.67	*1,363.00	10.44	.....	.....	2,271.08	*3,500.00
Dec. 31, 1896	2,339,642.35	2,342,259.72	3,270,396.37	1,489,328.87	1,878,358.54	562,838.35	872,991.31	1,042,220.83	842,520.42
1897.....	3,245.83	2,501.86	11,771.35	.....	3,011.66	.....	.....	627.53	.....
Dec. 31, 1897	2,342,888.18	2,344,761.58	3,282,167.72	1,489,328.87	1,881,370.20	562,838.35	872,991.31	1,042,848.36	842,520.42
1898.....	316.18	.....	*36,734.41	220.85	7,767.86	.....	.....	2,574.79	.....
Dec. 31, 1898	2,343,204.36	2,344,761.58	3,245,433.31	1,489,549.72	1,889,138.06	562,838.35	872,991.31	1,045,423.15	842,520.42
1899.....	1,689.91	.....	47,474.32	.....	31,632.60	.....	621.81	2,225.06	.....
Dec. 31, 1899	2,344,894.27	2,344,761.58	3,292,907.63	1,489,549.72	1,920,770.66	562,838.35	873,613.12	1,047,648.21	842,520.42
1900.....	521.71	358.11	22,975.43	3,115.99	*9,679.19	.....	139,021.50	*10,841.12	*225,809.02
Dec. 31, 1900	2,345,415.98	2,345,119.69	3,315,883.06	1,492,665.71	1,911,091.47	562,838.35	1,012,634.62	1,036,807.09	616,711.40
1901.....	10,367.13	3,012.31	67,793.33	3,070.76	8,845.27	.....	157,476.03	21,229.98	3,745.12
Dec. 31, 1901	2,355,783.11	2,348,132.00	3,383,676.39	1,495,736.47	1,919,936.74	562,838.35	1,170,110.65	1,058,037.07	620,456.52
1902.....	19,077.84	*921.02	19,280.01	1,864.96	2,531.06	.....	4,525.61	2,534.38	295,385.36
Dec. 31, 1902	2,374,860.95	2,347,210.98	3,402,956.40	1,497,601.43	1,922,467.80	562,838.35	1,174,636.26	1,060,571.45	915,841.88

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF PLANTS.

	E. 14 St. Sta.	W. 18 St. Sta.	E. 21 St. Sta.	W. 42 St. Sta.	W. 44 St. Sta.	E. 63 St. Sta.	W. 65 St Sta.	E. 99 St. Sta	E. 111 St. Sta
Dec. 31, 1902	$2,374,860.95	$2,347,210.98	$3,402,956.40	$1,497,601.43	$1,922,467.80	$562,838.35	$1,174,636.26	$1,060,571.45	$915,841.88
1903.....	6,294.57	946.32	36,273.60	.....	11,999.61	167.49	2,244.68	1,302.78	128,471.09
Dec. 31, 1903	2,381,155.52	2,348,157.30	3,439,230.00	1,497,601.43	1,934,467.41	563,005.84	1,176,880.94	1,061,874.23	1,044,312.97
1904.....	5,772.83	*1,000.00	160,512.39	364.19	26,432.14	.....	2,319.44	44,904.21	139.47
Dec. 31, 1904	2,386,928.35	2,347,157.30	3,599,742.39	1,497,965.62	1,960,899.55	563,005.84	1,179,200.38	1,106,778.44	1,044,452.44
1905.....	22,360.26	.....	67,905.70	3,089.39	5,194.98	13,548.92	1,070.72	400.84	114.27
Dec. 31, 1905	2,409,288.61	2,347,157.30	3,667,648.09	1,501,055.01	1,966,094.53	576,554.76	1,180,271.10	1,107,179.28	1,044,566.71
1906.....	33,052.11	461.85	114,312.13	.....	2,594.79	*445.83	282.20	304.46	105.51
Dec. 31, 1906	2,442,340.72	2,347,619.15	3,781,960.22	1,501,055.01	1,968,689.32	576,108.93	1,180,553.30	1,107,483.74	1,044,672.22
1907.....	*5,569.00	660.96	36,326.93	125.65	708.24	*177,189.37	6,162.76	*4,175.00	*596.59
Dec. 31, 1907	2,436,771.72	2,348,280.11	3,818,287.15	1,501,180.66	1,969,487.56	398,919.56	1,186,716.06	1,103,308.74	1,044,075.63
1908.....	9,881.59	23.66	*202,650.33	.....	2,483.20	480.66	118.90	904.07	18,149.11
Dec. 31, 1908	2,446,653.31	2,348,303.77	3,615,636.82	1,501,180.66	1,971,970.76	399,400.22	1,186,834.96	1,104,212.81	1,062,224.74
1909.....	346.93	674.76	5,385.98	528.29	6,500.52	1,180.41	.....	1,000.40	*50,571.26
Dec. 31, 1909	2,447,000.24	2,348,978.53	3,621,022.80	1,501,708.95	1,978,471.28	400,580.63	1,186,834.96	1,105,213.21	1,011,653.48
1910.....	3,771.64	*498,462.08	7,029.80	1,626.80	10,154.08	.....	1,087.34	4,501.81	24,697.49
Dec. 31, 1910	2,450,771.88	1,850,516.45	3,628,052.60	1,503,335.75	1,988,625.36	400,580.63	1,187,922.30	1,109,715.02	1,036,350.97
1911.....	*28,435.18	1,960.20	26,721.66	883.69	3,561.22	349.53	*647.35	5,490.96	*15,284.04
Dec. 31, 1911	2,422,336.70	1,852,476.65	3,654,774.26	1,504,219.44	1,992,186.58	400,930.16	1,187,274.95	1,115,205.98	1,021,066.93
1912.....	15,006.72	347.00	56,293.31	.....	12,230.35	77.35	26,317.95	22,566.44	*922.82

* In red ink on original.

Dec. 31, 1912	2,437,343.42	1,852,823.65	3,711,067.57	1,504,219.44	2,004,416.93	401,007.51	1,213,592.90	1,137,772.42	1,020,144.11
1913.....	20,243.59	*749,370.79	33,198.64	65.44	1,388.80	190.97	25,084.14	7,426.45	2,577.57
Dec. 31, 1913	2,457,587.01	1,103,452.86	3,744,266.21	1,504,284.88	2,005,805.73	401,198.48	1,238,677.04	1,145,198.87	1,022,721.68
1914.....	8,070.38	*887,019.01	22,867.78	3,116.97	*809.42	.....	4,453.99	2,596.96	48,338.00
Dec. 31, 1914	2,465,657.39	216,433.85	3,767,133.99	1,507,401.85	2,004,996.31	401,198.48	1,243,131.03	1,147,795.83	1,071,059.68
1915.....	566.10	308.81	3,818.89	311.07	.....	.....	6,485.21	*7,265.95	11,176.06
Dec. 31, 1915	2,466,223.49	216,742.66	3,770,952.88	1,507,712.92	2,004,996.31	401,198.48	1,249,616.24	1,140,529.88	1,082,235.74
1916.....	*399,454.04	*18,000.58	33.50	*6,263.35	.....	6.00	*4,902.59	752.16	499.93
Dec. 31, 1916	2,066,769.45	198,742.08	3,770,986.38	1,501,449.57	2,004,996.31	401,204.48	1,244,713.65	1,141,282.04	1,082,735.67
1917.....	1,021.76	*151,885.48	*2,432.96	*57,780.87	.....	.....	*899.53	11,337.99	3,396.59
Dec. 31, 1917	2,067,791.21	46,856.60	3,768,553.42	1,443,668.70	2,004,996.31	401,204.48	1,243,814.12	1,152,620.03	1,086,132.26
1918.....	*17.86	.....	47,720.10	3,668.50	.....	.....	*426,708.75	5,782.94	*270.00
Dec. 31, 1918	2,067,773.35	46,856.60	3,816,273.52	1,447,337.20	2,004,996.31	401,204.48	817,105.37	1,158,402.97	1,085,862.26

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF PLANTS.

	W. 132d St. Station.	Inwood Station.	Kingsbridge.	E. 132d St. Testing Sta.	Engineering & Superintendence.	Interest During Const. (Cash Disc.)	Totals.
Nov. 11, 1884	.....	$20,000.00	.....	.....	.....	.....	$12,182,491.41
1884....	.....	.....	.....	.....	.....	.....	585.91
Dec. 31, 1884	.....	20,000.00	.....	.....	.....	.....	12,183,077.32
1885....	.....	.....	.....	.....	.....	.....	847.61
Dec. 31, 1885	.....	20,000.00	.....	.....	.....	.....	12,183,924.93
1886....	.....	.....	.....	.....	.....	.....	37,990.22
Dec. 31, 1886	.....	20,000.00	.....	.....	.....	.....	12,221,915.15
1887....	.....	.....	.....	.....	.....	.....	341,241.73
Dec. 31, 1887	.....	20,000.00	.....	.....	.....	.....	12,563,156.88
1888....	.....	.....	.....	.....	$9,681.82	.....	527,985.03
Dec. 31, 1888	.....	20,000.00	.....	.....	9,681.82	.....	13,091,141.91
1889....	.....	2,790.93	.....	.....	5,758.38	.....	320,208.42
Dec. 31, 1889	.....	22,790.93	.....	.....	15,440.20	.....	13,411,350.33
1890....	.....	2,152.97	.....	.....	271.82	.....	121,390.56
Dec. 31, 1890	.....	24,943.90	.....	.....	15,712.02	.....	13,532,740.89
1891....	.....	.....	.....	.....	6,709.18	.....	225,271.24
Dec. 31, 1891	.....	24,943.90	.....	.....	22,421.20	.....	13,758,012.13
1892....	.....	1,373.91	.....	.....	4,735.20	.....	136,943.76
Dec. 31, 1892	.....	26,317.81	.....	.....	27,156.40	.....	13,894,955.89
1893....	.....	4,300.00	.....	.....	17.50	.....	617,274.40

Dec. 31, 1893		30,617.81		27,173.90		14,512,230.29
1894				3,587.80		162,777.23
Dec. 31, 1894		30,617.81		30,761.70		14,675,007.52
1895						17,106.15
Dec. 31, 1895		30,617.81		30,761.70		14,692,113.67
1896						9,822.60
Dec. 31, 1896		30,617.81		30,761.70		14,701,936.27
1897						21,158.23
Dec. 31, 1897		30,617.81		30,761.70		14,723,094.50
1898						*25,854.73
Dec. 31, 1898		30,617.81		30,761.70		14,697,239.77
1899				278.40		83,922.10
Dec. 31, 1899		30,617.81		31,040.10		14,781,161.87
1900				2,109.91		*78,226.68
Dec. 31, 1900		30,617.81		33,150.01		14,702,935.19
1901		757.84		37,814.91		14,983,897.86
Dec. 31, 1901		31,375.65		4,615.41		348,956.78
1902		63.17		4,664.90		280,962.67
Dec. 31, 1902		31,438.82		42,430.32		15,332,854.64

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.—BOOK VALUE OF PLANTS.

	W. 132d St. Station.	Inwood Station.	Kingsbridge.	E. 132d St. Testing Sta.	Engineering & Superintendence	Interest During Const. (Cash Disc.)	Totals.
Dec. 31, 1902	.....	$31,438.82	.....	.....	$42,430.32	.....	$15,332,854.64
1903....	.....	.....	.....	.....	6,994.40	.....	194,694.54
Dec. 31, 1903	.....	31,438.82	.....	.....	49,424.72	.....	15,527,549.18
1904....	.....	.....	.....	.....	8,057.29	.....	247,501.96
Dec. 31, 1904	.....	31,438.82	.....	.....	57,482.01	.....	15,775,051.14
1905....	$272,838.47	.....	.....	.....	13,807.98	.....	400,331.53
Dec. 31, 1905	272,838.47	31,438.82	.....	.....	71,289.99	.....	16,175,382.67
1906....	168,907.16	848.77	.....	.....	13,264.82	.....	333,687.97
Dec. 31, 1906	441,745.63	32,287.59	.....	.....	84,554.81	.....	16,509,070.64
1907....	1,541.74	5.63	.....	.....	13,094.06	.....	*128,813.99
Dec. 31, 1907	443,287.37	32,293.22	.....	.....	97,648.87	.....	16,380,256.65
1908....	627.86	.....	.....	.....	15,211.07	.....	*154,770.21
Dec. 31, 1908	442,915.23	32,293.22	.....	.....	112,859.94	.....	16,225,486.44
1909....	3,658.04	212.29	.....	.....	26,258.52	.....	*....25.12
Dec. 31, 1909	447,573.27	32,505.51	.....	.....	139,118.46	.....	16,220,661.32
1910....	56.42	99.24	$275,258.89	.....	28,355.32	.....	*141,823.25
Dec. 31, 1910	447,629.69	32,604.75	275,258.89	.....	167,473.78	.....	16,078,838.07
1911....	10,550.61	.....	439,795.03	.....	37,239.76	.....	488,186.09

* In red ink on original.

Dec. 31, 1911	464,180.30	32,604.75	715,053.92	.....	204,713.54	.....	16,567,024.16
1912....	8,302.40	46.64	180,378.23	.....	45,262.20	.....	365,905.77
Dec. 31, 1912	472,482.70	32,651.39	895,432.15	.....	249,975.74	.....	16,932,929.93
1913....	1,064.59	.....	10,555.65	.....	43,153.59	.....	*604,421.36
Dec. 31, 1913	473,547.29	32,651.39	905,987.80	.....	293,129.33	.....	16,328,508.57
1914....	215.85	.....	392.10	.....	45,138.93	.....	*752,637.47
Dec. 31, 1914	473,763.14	32,651.39	906,379.90	.....	338,268.26	.....	15,575,871.10
1915....	.....	.....	491.10	.....	43,098.95	*$3,590.58	55,399.66
Dec. 31, 1915	473,763.14	32,651.39	906,871.00	.....	381,367.21	*3,590.58	15,631,270.76
1916....	148.39	.....	604.24	$7,450.00	*120,464.10	*5,339.68	*544,930.12
Dec. 31, 1916	473,911.53	32,651.39	907,475.24	7,450.00	260,903.11	*8,930.26	15,086,340.64
1917....	1,969.71	.....	1,625.94	.....	32,241.40	*7,592.71	*168,998.16
Dec. 31, 1917	475,881.24	32,651.39	909,101.18	7,450.00	293,144.51	*16,522.97	14,917,342.48
1918....	15.50	.....	3,197.86	.....	30,763.08	*457.94	*336,306.57
Dec. 31, 1918	475,896.74	32,651.39	912,299.04	7,450.00	323,907.59	*16,980.91	14,581,035.91

* In red ink on original.

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—14TH ST. STATION

Detailed Statement of Construction Since Consolidation

1884.	Nov. 11, Rowland Appraisal	$1,706,445.00		
	Sundries	66.75	Balance	$1,706,511.75
		$1,706,511.75		$1,706,511.75
1885.	Jan. 1, To Balance	$1,706,511.75	Transferred to Horses, Wagons & Harness	$2,400.00
	Sundries	36.46	By Balance	1,704,148.21
		$1,706,548.21		$1,706,548.21
1886.	Jan. 1, To Balance	$1,704,148.21	Stable demolished	$4,413.00
1887.	Water Tank	485.00	By Balance	1,973,782.72
	Steam Pump	180.00		
	Stable	2,808.56		
	Tank & Holder	227,567.89		
	24 Single Benches of 6s	25,810.62		
	4 Purifiers	16,486.98		
	Sundries	708.46		
		$1,978,195.72		$1,978,195.72
1888.	Jan. 1, To Balance	$1,973,782.72		
	Exhauster & Conns	20,182.43		
	24 Single Benches of 6s	25,232.10		
	Exh. & Valve House	10,537.38		
	Stable	31.00		
	Tank & Holder	272,974.94		
	4 Purifiers	4,426.62		
	Turntable Wheels & Plates	845.75		
	Flagging	243.27		
	Discharging Machine	3,200.00		

	Portable & Stat. Supplies	592.83			
		$2,312,659.85			$2,312,659.85
1889.	Jan. 1, To Balance	$2,312,659.85			
	Exhauster & Conns	1,094.37			
	Tank & Holder	1,159.87			
	Exh. & Valve House	5,960.01			
	Impvmnt to Charging Machine	1,370.00	By Balance		$2,322,244.10
		$2,322,244.10			$2,322,244.10
1890.	Jan. 1, To Balance	$2,322,244.10			
	Retort Hse Elevator	1,212.52	By Balance		$2,323,456.62
		$2,323,456.62			$2,323,456.62
1891.	Jan. 1, To Balance	$2,322,456.62			
	Retort Hse Elevator	377.91	By Balance		$2,323,834.53
		$2,323,834.53			$2,323,834.53
1892.	Jan. 1, To Balance	$2,323,834.53			
1894.	Root's Exhauster	4,156.64			
	Coal Pockets	345.80	By Balance		$2,328,336.97
		$2,328,336.97			$2,328,336.97
1895.	Jan. 1, To Balance	$2,328,336.97			
	Coal Pockets	10,595.93	By Balance		$2,338,932.90
		2,338,932.90			$2,338,932.90
1896.	Jan. 1, To Balance	$2,338,932.90			
	Oil Gas Conns	709.45	By Balance		$2,339,642.35
		$2,339,642.35			$2,339,642.35

1897.	Jan. 1, To Balance	$2,339,642.35		
	Oil Gas Conns	10.25		
	Gas Engines & Dynamo	2,505.48		
	Tar Tank	345.10		
	Cedar Tank	385.00	By Balance	$2,342,888.18
		$2,342,888.18		$2,342,888.18
1898.	Jan. 1, To Balance	$2,342,888.18		
	No. 12 Westnghse Gas Meter	40.00		
	Compressor	235.00		
	Gas Engine & Dynamo	41.18	By Balance	$2,343,204.36
		$2,343,204.36		$2,343,204.36
1899.	Jan. 1, To Balance	$2,343,204.36		
	Oil Gas Main	296.35		
	30" Connections	1,353.56		
	Exhauster Hse. Conns	40.00	By Balance	$2,344,894.27
		2,344,894.27		$2,344,894.27
1900.	Jan. 1, To Balance	$2,344,894.27		
	Blower & Exhauster	294.42		
	Weigh House	726.64	By Balance	$2,345,415.98
		$2,345,415.98		$2,345,415.98
1901.	Jan. 1, To Balance	$2,345,415.98		
	Weigh House	726.64		
	2 Cyl. Engines from 18th St. Sta	470.00		
	Coal Hoist	822.87		
	Coal Conveyor	195.00		
	Drawing & Charging Machine	4,582.00		
	Scrubber	1,850.59		
	Conns. for 30" Main	1,433.25		
	Sundries	286.08	By Balance	$2,355,783.11
		$2,355,783.11		$2,355,783.11

1902.	Jan. 1, To Balance	$2,355,783.11	D. & C. Machine Engine to 18th St. Sta.	$235.00
	Additions to Benches	2,926.08	By Balance	2,374,860.95
	Conns. for 30" Main	116.90		
	Coal Conveyors	750.18		
	Scrubber	5,813.60		
	Scrubber House	1,256.52		
	Turntable Apparatus	434.47		
	Addition to 10th St. fence	218.67		
	Alteration to Retort Hse	713.52		
	Boiler for Hoisting Eng	1,000.00		
	Retort Hse. Boiler	641.15		
	Coke Runs	48.00		
	D & C Machine	5,375.00		
	Sundries	18.75		
		$2,375,095.95		$2,375,095.95
1903.	Jan. 1, To Balance	$2,374,860.95		
	Alteration to Retort Hse	59.65		
	Retort Hse. Boiler	56.00		
	30" Connections	1,296.20		
	Coke Railroad	4,118.57		
	Scrubber	84.00		
	Door in Purifier House	100.55		
	Turntable Apparatus	67.02		
	20" Main	305.57		
	D & C Machine	207.01	By Balance	$2,381,155.52
		$2,381,155.52		$2,381,155.52
1904.	Jan. 1, To Balance	$2,381,155.52		
	Coke Railroad	794.76		
	D & C Machine	4,817.73		
	Oil Gas Connections	160.34	By Balance	$2,386,928.35
		$2,386,928.35		$2,386,928.35

1905.	Jan. 1, To Balance	$2,386,928.35		
	D & C Machine	39.52		
	6" Oil Gas Connection to No. 5 Holder	95.24		
	Addition to Water Condenser	12.83		
	Turntable Apparatus	83.95		
	Clearing up for Tank & Holder	5,992.35		
	Improvements at E. 15th St., Preliminary Work	282.24		
	Tank & Holder	2,680.09		
	Boiler Hse. & Contents	89.99		
	Valve Hse. & Contents	13,084.60	By Balance	$2,409,288.61
		$2,409,288.61		$2,409,288.61
1906.	Jan. 1, To Balance	$2,409,288.61		
1906.	Jan. 1, To Balance	$2,409,288.61		
	Additions to Water Condenser	12.89	Cleaning up for N. A. Tank and Holder at 14th St.	$5,992.35
	Improvements at E. 15th St. Preliminary Work	340.22	By Balance	2,442,340.72
	Tank and Holder	4,778.15		
	Boiler House & Contents	21,048.10		
	Valve House & Contents	12,865.10		
		$2,448,333.07		$2,448,333.07
1907.	Jan. 1, To Balance	$2,442,340.72	Tank & Holder E. 15th St. sold	$7,633.24
	New Steam Line across 15th Street	293.30	Boiler Hse. & Well retired	1,655.00
	Improvement E. 15th St. Preliminary Work	90.35	2 Scotch Marine Tubular Boilers transferred to 65th St.	4,500.00
	Boiler House & Contents	7,390.78	By Balance	2,436,771.72
	Valve House & Contents	444.81		
		$2,450,559.96		$2,450,559.96
1908.	Jan. 1, To Balance	$2,436,771.72		
	Boiler Hse. & Contents	43.40		
	Coke Briquetting Plant Draughting	162.31		
	Mixing Machinery	88.68		
	Elevating Machinery	7.15		
	Briquetting Machine	6,802.13		

	Conveyor and Drying Furnace	2,710.92			
	Miscellaneous	66.93			
		$2,446,653.31			
1909.	Jan. 1. To Balance	$2,446,653.31	By Balance		$2,446,653.31
	Coke Briquetting Plant Elevating Machinery	6.12			$2,446,653.31
	Briquetting Machine	44.56			
	Conveyor and Drying Furnace	31.27			
	Mixing Machinery	164.45			
	Miscellaneous	100.53	By Balance		$2,447,000.24
		$2,447,000.24			$2,447,000.24
1910.	Jan. 1. To Balance	$2,447,00.24			
	Coke Briquetting Plant Mixing Machinery	193.81			
	Miscellaneous	391.38			
	Incline Retorts	2,717.72			
	New Photometer Room	468.73	By Balance		$2,450,771.88
		$2,450,771.88			$2,450,771.88
1911.	Jan. 1. To Balance	$2,450,771.88			
	Coke Briquetting Plant Mixing Machinery	133.72			
	Inclined Retorts	205.97	Original cost of Coal Handling Apparatus in Yard No. 1, Block No. 3. dismantled		$27,532.00
	Bragging Machine	1.38	Estimated value of 3 storage sheds between 17th & 18th Sts. E of Avenue B, dismantled—Shed T	600.	
	E. 17th St. yard, New Office, Storeroom and Scale	1,838.02	Shed U 550.00		
	New 4" Steam Line	887.57	Less—Value of part of shed left standing 50.00	500.	
	New Photometer Room	215.33	Shed V	250.	1,350.00
			Original cost of a corrugated flue, Rowland Patent, 50 H.P. Boiler 5' 6"x16' with fittings, known as Continental Boiler No. 21, dismantled and sold		2,835.17
			By Balance		2,422,336.70
		$2,454,053.87			$2,454,053.87

1912.	Jan. 1, To Balance	$2,422,336.76		Old fence around Coal Storage Yard demolished	$1,040.00
	Add. Pump & F. W. Line to Boiler House	1,033.79		By Balance	2,437,343.42
	Coke Briquett Pl.	6,313.95			
	Fence around Coal Storage Yard	2,306.00			
	Office, Storeroom and Scale, E. 17th St. Yard	769.83			
	Power Hammer	649.99			
	Tar & ammonia tanks	4,100.42			
	Coal Handling Plant	49.51			
	15th St. Gov. Hse. New 30" Valve Conns.	403.23			
	Combustion Controllers for B. & W. Boilers	420.00			
		$2,438,383.42			$2,438,383.42
1913.	Jan. 1, To Balance	$2,437,343.42		Portion of Runway, Hunts automatic Coal Handling System—torn out	$250.00
	Coke Briquett. Pl.	307.26		By Balance	2,457,587.01
	Coal Handling Pl.	8,912.68			
	Pipe Paint Equipt. East 17th St. Yard	1,060.50			
	Tar and Ammonia Tank	396.20			
	Wash and Locker House	4,180.27			
	30" Dist. Valve—15th St. Gov. House	166.60			
	Holder Drip Oil Tank	556.91			
	Gov. Hse. Conts.—Conns	4,730.19			
	General connections	182.98			
		$2,457,837.01			$2,457,837.01
1914	Jan. 1, ToT Balance	$2,457,587.01			
	Pipe Painting Equip. 17th Street Yard	4,568.51			
	Wash & Locker House & Contents—Fixtures	32.85			
	Gov. Hse. & Conts.—Conn	107.69			
	Add. Steam Line West of Coal Shed	29.74			
	Coal Handling Plant Apparatus	24.10			
	17th St. Yard Office	188.33			
	Coke Briquetting Plant	3,119.16		By Balance	$2,465,657.39
		$2,465,657.39			$2,465,657.39

1915.	Jan. 1, To Balance	$2,465,657.39
	Fence, 636-8 E. 18th st	156.72
	17th St. Yard Office	3.36
	Ventilator in Roof of Street Dept. Storeroom	6.42
	Coke Briquetting Plant	594.18
	Coal Handling Plant	100.42
		$2,466,518.49
1916.	Jan. 1, To Balance	$2,466,223.49
	Governor Hse. Woven Wire Window Guards	114.17
	Retort Hse. Contents Conn	633.51
		$2,466,971.17
1917.	Jan. 1, To Balance	$2,066,769.45
	Retort House Conn	3.50
	Gov. House Conn	897.95
	Gas Appliance Storeroom	303.29
		$2,067,974.19
1918.	Jan. 1, To Balance	$2,067,791.21
	Gov. Hse. Conn. 24" Gov	82.14
		$2,067,873.35
1919.	Jan. 1, To Balance	$2,067,773.35

	Bronder Rotary Engine retired	$235.00
	Fence, 636-8 E. 18th St	50.00
	By Balance	2,466,223.49
		2,466,518.49
	Ventilator in Roof of Street Dept. Storeroom	$1.72
	Holders 1-2-3-4-5-6 retired	396,000.00
	Boiler & Fixtures retired	2,000.00
	Valve Hse. & Contents retired	2,200.00
	By Balance	2,066,769.45
		$2,466,971.17
	Material Recovered	182.98
	By Balance	2,067,791.21
		$2,067,974.19
	Sale of 8" x 8" Vertical Engine	$100.00
	By Balance	2,067,773.35
		$2,067,873.35

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—18TH ST. STATION

Detailed Statement of Construction Since Consolidation

Plant Account—18th Street Station

1884.	Nov. 11, Rowland Appraisal	$1,922,984.21	Transferred to Horses, Wagons & Harness	$5,000.00
1885.	Sundries	1,453.96	By Balance	1,919,438.17
		$1,924,438.17		$1,924,438.17
1886.	Jan. 1, To Balance	$1,919,438.17		
	Sundries	63.00	By Balance	$1,919,501.17
		$1,919,501.17		$1,919,501.17
1887.	Jan. 1, To Balance	$1,919,501.17		
	Sundries	24.00	By Balance	$1,919,525.17
		$1,919,525.17		$1,919,525.17
1888.	Jan. 1, to Balance	$1,191,525.17		
	Exh. & Valve Hse	4,142.52		
	Exhauster Conns	9,642.11	By Balance	$1,933,309.80
		$1,933,309.80		$1,933,309.80
1889.	Jan. 1, To Balance	$1,933,309.80		
	Exh. & Valve Hse	539.41		
	Exhauster Conns	62.81	By Balance	$1,933,932.02
		$1,933,932.02		$1,933,932.02
1890.	Jan. 1, To Balance	$1,933,932.02		
	Vertical Engine	710.00		
	2" Governor	195.00		
	Air Condenser	14,536.30		
	Sundries	500.79	By Balance	$1,949,874.11
		$1,949,874.11		$1,949,874.11

1893.	Jan. 1, To Balance	$1,242,837.11		
1893.	Eng. & Exh. Hse.	2,400.55		
	Valve Hse. & Retaining Wall	3,000.00		
	Tank & Holder—19th St.	268,770.95		
	30" Connections	19,353.08		
	Exhauster & Engine	3,200.00		
	Gas Governor	100.00	By Balance	$2,246,837.66
		$2,246,837.66		$2,246,837.66
1894.	Jan. 1, To Balance	$2,246,837.66		
	Tank & Holder, 19th St.	91,793.67		
	Valve Hse. & Retaining Wall	1,554.50		
	Sewer conns. to Holder	96.76	By Balance	$2,340,282.59
		$2,340,282.59		$2,340,282.59
1895.	Jan. 1, To Balance	$2,340,282.59	1 Boiler Retired	$1,500.00
	Tank & Holder, 19th St.	193.44		
	Boilers & Fittings	3,269.73	By Balance	2,342,245.76
		$2,343,745.76		$2,343,746.76
1896.	Jan. 1, To Balance	$2,342,245.76		
	Tank & Holder	13.96	By Balance	$2,342,259.72
		$2,342,259.72		$2,342,259.72
1897.	Jan. 1, To Balance	$2,342,259.72		
	Water Tank	169.90		
	Ammonia Tank	1,372.22		
	Tar Tank	789.00		
	Tank Connections	170.74		
		$2,344,761.58	By Balance	$2,344,761.58
				$2,344,761.58
1898.	Jan. 1, To Balance	$2,344,761.58		
1900.	Weight House	358.11	By Balance	$2,345,119.69
		$2,345,119.69		$2,345,119.69

1901.	Jan. 1, To Balance	$2,345,119.69	2 Cyl. Kngs. to 14th St.	$470.00
	Weigh House	1,112.53		
	Ammonia Tank	180.78		
	Misc. Improvements	2,189.00	Balance	$2,348,132.00
		$2,348,602.00		$2,348,602.00
1902.	Jan. 1, To Balance	$2,348,132.00		
	Tar Tank	9.18	Ammonia Tank retired	$362.98
	Charging Machine Eng. from 14th Street	235.00	Boiler for Hoisting Eng. to 14th St. Station	1,000.00
	Coke Run	197.78	By Balance	2,347,210.00
		$2,348,573.96		$2,348,573.96
1903.	Jan. 1, To Balance	$2,347,210.98		
	Tank & Holder	313.00		
	Fence (New)	438.40		
	Fitting up Labor'y	17.08		
	Doors for Shed	148.09		
	Engine House	29.75	By Balance	$2,348,157.30
		$2,348,157.30		$2,348,157.30
1904.	Jan. 1, To Balance	$2,348,157.30	Boiler transferred to 65th Street Station	$1,000.00
			By Balance	2,347,157.30
		$2,348,157.30		$2,348,157.30
1905.	Jan 1, To Balance	$2,347,157.30	By Balance	$2,347,619.15
1906.	New Wagon Shed	461.85		
		$2,347,619.15		$2,347,619.15
1907.	Jan. 1, To Balance	$2,347,619.15		
	New Wagon Shed	86.21		
	New Gasoline Tank Pump House and Contents	468.73		
	Wiring 18th St. Garage	106.02	By Balance	$2,348,280.11
		$2,348,280.11		$2,348,280.11

1908	Jan. 1, To Balance	$2,348,280.11		
	Furnace Building	23.66		
		$2,348,303.77	By Balance	$2,348,303.77
				$2,348,303.77
1909.	Jan. 1, To Balance	$2,348,303.77		
	New Furnace Building	299.88		
	New Furnace Building Cts.	374.88	By Balance	$2,348,978.53
		$2,348,978.53		$2,348,978.53
1910.	Jan. 1, To Balance	$2,348,978.53		
	Additions to Paint Shop	761.28	Amount awarded by the City of New York for Tank and Holder condemned, located at 11th Ave. between 19th and 20th Streets..	$340,000.00
			Depreciation, Tank & Holder	44,756.36
			Depreciation, Parapet Wall	1,000.00
			Book Value of Holders No. 9 and 10—dismantled	113,467.00
			By Balance	1,850,516.45
		$2,349,739.81		$2,349,739.81
1911.	Jan. 1, To Balance	$1,850,516.45		
	Adjustable floor in Experimental Room	405.66		
	General Connections	1,554.54	By Balance	$1,852,476.65
		$1,852,476.65		$1,852,476.65
1912	Jan. 1, To Balance	$1,852,476.65		
	12" Typhon Turbine Blow	180.00		
	Elec. Wiring—Paint Shop	102.00		
	Toilet & Wash Basin (Stable)	65.00	By Balance	$1,852,823.65
		$1,852,823.65		$1,852,823.65
1913.	Jan. 1, To Balance	$1,852,823.65		
	Photographic Laboratory	422.32	Book Value of Plant taken by City under Condemnation Proceedings	$749,793.11
			By Balance	1,103,452.86
		$1,853,245.97		$1,853,245.97

1914.	Jan. 1. To Balance	$1,103,452.86		
	New Toilet in Exhaust. House	234.91		
			Boiler House & Yard Sheds retired	$1,184.00
			Coal Shed No. 5 retired	5,539.00
			One 3" Thompson Water Meter No. 516680 retired	120.00
			One 1" Keystone Water Meter No. 250626 retired	23.00
			Adjustment of book value of holders condemned by the City and written off in 1910	313.00
			Book value of 18th Street Plant dismantled and disposed of during the year: Total book value prior to this entry 1,096,508.77	
			Book value of plant remaining 216,433.85	
				880,074.92
			By Balance	216,433.85
		$1,103,687.77		$1,103,687.77
1915.	Jan. 1. To Balance	$216,433.85		
	Fence—19th & Marginal Sts	658.81		
			Fence dismantled, 18th & 19th Streets	$350.00
			By Balance	216,742.66
		$217,092.66		$217,092.66
1916.	Jan. 1. To Balance	$216,742.66		
			Tank Yard Wall retired	$2,000.00
			Coal Yard No. 2 retired	3,500.00
			Paving Sewers, etc., retired	610.41
			Stable Building retired	11,890.17
			By Balance	198,742.08
		$216,742.66		$216,742.66
1917.	Jan. 1. To Balance	$198,742.08		
			Original cost of plant at W. 18th St. located on property sold to N. Y. State Realty & Term. Co., viz.:	
			Office building	$22,000.00
			Condenser house	11,132.00
			Purifier house	59,589.00
			Boiler & Engine House	18,330.00
			Shop Building	13,659.00

			Coke Yard Wall	874.90
			Weigh House	1,112.53
			Engine Room Extension	2,499.52
			Fence	1,750.00
			Retort House Wall remaining as fence	2,500.00
			Paving, Sewers, etc.	9,728.01
			18th and 19th Streets, W. side of 10th Avenue:	
			Tank Yard Wall	6,300.00
			Paving, Sewers, etc.	2,410.52
			By Balance	46,856.60
		$198,742.08		$198,742.08
1918.	Jan. 1, To Balance	$46,856.60		

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—21ST ST. STATION

Detailed Statement of Construction Since Consolidation

1884.	Nov. 11, Rowland Appraisal	$2,879,000.00		
	Sundries	186.37	By Balance	$2,879,186.37
		$2,879,186.37		$2,879,186.37
1885.	Jan. 1, To Balance	$2,879,186.37	Transferred to Horses, Wagons & Harness	$6,400.00
	Timber for well	7.28	By Balance	2,877,176.42
	Sand screen for well	148.03		
	Drilling well	1,828.80		
	Pipe & Castings for well	668.56		
	Testing well	33.95		
	Sundries	1,703.34		
		$2,883,576.42		$2,883,576.42
1886.	Jan. 1, To Balance	$2,877,176.42	By Pipe & Specials	$2,224.33
	Sundries	3.98	By Balance	2,874,956.07
		$2,877,180.40		$2,877,180.40

1887.	Jan. 1, To Balance	$2,874,956.07		40 Single Benches of 6s taken down	$72,000.00
	10 Dbl Benches of 6s	24,924.52		1.5 of bench Indations removed to place naphtha tnks	5,000.00
	4 Purifiers	24,941.01		Old drost of storage house removed	5,000.00
	4 Naphtha Tanks	13,992.63			
	4 Boilers	10,051.73			
	Roof—Purifier Hse.	12,913.15			
	2 Blowers No. 10 Sturt	91.34			
	Sundries	617.13		By Balance	2,879,587.58
		$2,961,587.58			$2,961,587.58
1888.	Jan. 1, To Balance	$2,879,587.58			
	2 Generators	4,976.63			
	10 Dble Benches of 6s	11,692.41			
	4 Naphtha Tanks	184.32			
	4 Purifiers	14,300.69			
	4 Boilers	105.21			
	Roof—Purifier Hse.	1,973.00			
	2 Governors	300.00			
	2 No. 10 Sturt Blowers	1,439.72			
	Belting for Blowers	649.60			
	W. I. oil tanks	307.70			
	Covering for naphtha pipe	448.00			
	Exhauster	399.66			
	Sundries	12.07		By Balance	$2,916,377.25
		$2,916,377.25			$2,916,377.25
1889.	Jan. 1, To Balance	$2,916,377.25		By Pipe & Specials	$188.80
	Exh. & Eng. for Distb	5,278.78		Balance	2,928,568.89
	2 Generators	5,443.37			
	300 Light Regulator	125.00			
	Inside Trsfr Main 30"	1,401.67			
	Sundries	159.62			
		$2,928,757.69			$2,928,757.69

1890.	Jan. 1, To Balance	$2,928,568.89	By Pipe & Specials	$4.00
	Iron Pump 14x7x33	700.06	1 Beam Eng to 44th St	500.00
	Exhauster	5,285.10	Balance	2,935,575.18
	2 Tanks 8½x8'	625.00		
	Long stroke pump lined	400.00		
	Carburetter Base	335.74		
	Exhauster Engine	264.45		
		$2,936,079.18		$2,936,079.18
1891.	Jan. 1, To Balance	$2,935,575.18	By 2 Holders and Coal Gas Benches retired	$184,895.00
	Conns. for Purifiers	275.75	Mains retired	10,241.35
	Railings for Blower Engs	210.00	Boiler for unloading coal retired	800.00
	Wagon Scale	171.00	1 Std. Exhauster transferred to 99th Street	6,000.00
	Hydrogen line to Oxygen Pit	384.86	By Balance	3,127,570.61
	Pressure water gauge	10.00		
	4" Thomson Meter	243.75		
	Generators, Carb., etc	96,006.85		
	2 sets Purifiers	45,192.81		
	2 Multitubular Condsrs	24,826.34		
	4 Boilers	23,010.33		
	1 6 H. P. Greenfield Eng	250.00		
	Boiler for coal unldng	2,835.17		
	Station Meter	19,003.01		
	2 Hydrgn tanks & hldrs	95,959.19		
	6 Naphtha Tanks	12,100.09		
	3 Exhauster Engines	3,816.57		
	St. Main Exh. Engine	1,296.13		
	3 Exhausters	14,556.31		
	Meter House	6,943.18		
	Installation of Water Gas Apparatus	19,000.55		
	2 Blowers & 2 Engs	6,892.88		
	30" Connections	20,947.01		
		$3,329,506.96		$3,329,506.96

1892.	Jan. 1, To Balance	$3,127,570.61	Connections retired	$2,254.60
	Generators and Carburetters	26,940.21	By Balance	3,215,257.95
	2 sets Purifiers	3,510.38		
	2 Multitubular Condsrs	301.80		
	4 Boilers	874.76		
	Station Meter	27.75		
	2 Hydro Tanks & Holders	304.59		
	3 Exhauster Engines	3,573.04		
	Meter House	4,862.20		
	2 Blowers & 2 Engs	10.90		
	30" Connections	94.50		
	Eng. & Exh. Hse	21,702.78		
	2 Boilers in Exh. & Eng. House	7,430.40		
	St. Main Exh. Engine	650.00		
	Coal Conveyor	2,311.98		
	Gas Engine	600.00		
	30" Conns. Exh. & Eng Hse	16,746.65		
		$3,217,512.55		$3,217,512.55
1893.	Jan. 1, To Balance	$3,215,257.95	1 Smith & Save Blower retired	$2,000.00
	Eng. & Exh. Hse	13,502.14	Galvd Iron Bldg. demolished	1,500.00
	2 Boilers in Exh. & Eng. Hse	593.15	1 Scrubber, Rowland to 42nd St. Sta	500.00
	2 Exh. Engines in Exh. & Eng. Hse	680.41	By Balance	3,247,520.46
	1 St. Main Exh. Eng	3,310.07		
	30" Connections	16,473.49		
	Coal Conveyor	1,703.25		
		$3,251,520.46		$3,251,520.46
1894.	Jan. 1, To Balance	$3,247,520.46	1 24" Valve (Rowland) transferred to 14th St.	230.00
	Eng. & Exh. Hse	61.72	By Balance	3,256,500.94
	Eng. & Exh. Hse. conns	3,548.76		
	1 150 M. McKenzie Exh.			
	2 24" Reducers			
	1 Compensator Balance	5,600.00		
		$3,256,730.94		$3,256,730.94

1895.	Jan. 1, To Balance	$3,256,589.54		
	Gas Holder Tank	1,235.00		
	Oil Gas Retort	296.32		
	Steam Heating Apparatus	535.00		
	Exh. & Eng. Conns.	148.44	By Balance	$3,258,715.70
		$3,258,715.70		$3,258,715.70
1896.	Jan. 1, To Balance	$3,258,715.70		
	1 40" M. Exh. with Eng. & Governor	1,363.00		
	1 Station Oil Gas Meter	3,500.00		
	Apparatus for Oil Gas	4,311.77		
	Misc. Apparatus	2,505.90	By Balance	$3,270,396.37
		$3,270,396.37		$3,270,396.37
1897.	Jan. 1, To Balance	$3,270,396.37		
	Oil Gas conns.	1,314.31		
	5 sets interlocking app. for generators	5,250.00		
	Gas Engine Bed	45.00		
	Impvmts to Generators Nos. 3, 4 and 5	2,040.62		
	Misc. Apparatus	3,121.42	By Balance	$3,282,167.72
		$3,282,167.72		$3,282,167.72
1898.	Jan. 1, To Balance	$3,282,167.72	Misc. Apparatus withdrawn	$4,425.84
	3 Cyl. Gas Engines	1,423.39	No. 8 Tank & Holder dismntld	205,500.00
	Oil tank conns.	167.69	4 Westinghouse Engs. exchgd	4,175.00
	Duty on 14 H. P. Otto Engine	441.93	By Balance	3,245,433.31
	6" Vacuum Gauge	6.40		
	Impvmts to Generators Nos. 3, 4 and 5	700.00		
	Gas Oil Tank 8' x8'	225.00		
	*Easterly tank & holder, Ave. A and 1st Ave., 20th and 21st Sts.	126,074.41		
	*Foundations for Easterly holder	44,103.13		
	*Damages, Easterly tank and holder	3,980.70		
	Sundries	243.78		
		$3,459,534.15		$3,459,534.15

1899.	Jan. 1, To Balance	$3,245,433.31		
	*Easterly tank & holder	1,883.55		
	* do. foundation	755.40		
	* do. damages	32,322.11		
	Feed water heater	4,359.24		
	30" conns.	2,297.70		
	Oil filter	1,134.51		
	Water line	2,014.19		
	Oil suction line	307.58		
	Oil heater	2,206.41		
	Oil separator	27.38		
	Oil pipe	105.78		
	Sundries	60.47	By Balance	$3,292,907.63
		$3,292,907.63		$3,292,907.63
1900.	Jan. 1, To Balance	$3,292,907.63		
	*Damages, easterly tank & holder	232.20	Purifiers retired	$59,681.41
	30" connections	4,671.51	By Balance	3,315,883.06
	No. 5 Station Meter	12,656.34		
	2 250 H. P. Hazelton Blrs.	9,597.36		
	Hydrogen scrubber	2,200.70		
	Hydraulic Pump	725.59		
	Oil heater	372.00		
	Hydraulic elevator	4,390.87		
	3 sets of 4 Purifiers	47,810.17		
		$3,375,564.47		$3,375,564.47
1901.	Jan. 1, To Balance	$3,315,883.06	Material transferred to Apparatus Repairs....	$22.50
	Pumps	218.00	Boiler Stack retired	35.00
	Oil gas condenser	380.46	Scrubber conns. transferred to 14th Street....	315.98
	U. G. I. condenser	38,768.39	Conns. transferred to Inwood Station	26.90
	Naphtha Extension Line	777.16	By Balance	3,383,676.39
	Salt water line	1,217.00		
	Steam pipe line	442.56		
	Test Service	154.30		
	Sewer extension	238.67		

	Test Holder	113.18		
	Coal hoist	10,078.80		
	Photometer Room	36.70		
	Coal Conveyor	8,012.32		
	30" x 36" Connections	341.86		
	Blowers	306.21		
	36" Main	238.83		
	Condenser conns.	1,000.00		
	Alteration to Stable	4,000.00		
	Alteration to Meter Repair Shop	1,797.08		
	Sundries	72.28		
		$3,384,076.77		$3,384,076.77
1902.	Jan. 1, To Balance	$3,383,676.39	Horizontal boiler retired	$250.00
	Steam conns. for oil boats	31.50	By Balance	3,402,956.40
	Condenser conns.	1,120.00		
	Coal Hoist	3,784.10		
	U. G. I. condenser	1,705.14		
	Blower	192.20		
	Alteration to Stable	7,296.46		
	Bench Blower	992.09		
	Ammonia Tank	216.90		
	Exhausters	45.25		
	Tar Tank	2,427.80		
	Oil Gas Condenser	805.87		
	Ave. B fence	601.97		
	Eng. for oil gas condenser	260.00		
	Centrifugal machine	50.73		
		$3,403,206.40		$3,403,206.40
1903.	Jan. 1, To Balance	$3,402,956.40		
	Tar Tank	798.03		
	Centrifugal machine	1,335.31		
	Ave. B fence	16.37		
	Tar line extension	328.18		
	Bench Blower	7.80		

1903.	Boiler	21,082.90		
	Coal Run	544.93		
	Blower	1,569.03		
	Blower Engine	1,237.28		
	Tank for U. G. I. condenser	1,071.63		
	Boiler foundation	1,167.90		
	Air Line to Beiches	776.61		
	Coal Hoist	260.00		
	Oil Filter	83.50		
	Steam Line to Pump Hse	382.40		
	Steam Line to Exh. Hse	1,138.87		
	Railings around machines	117.17		
	Tar line to No. 2 Holder	291.76		
	Impvmnt to Exh. Hse Eng	157.58		
	Tar Tank	305.00		
	Salt water line extension	1,545.36		
	Filter press	823.79		
	Tar Line to Dock	4.00		
	Tar Line to Boilers	40.35		
	3 Radiators	30.35		
	Drip Line from Holder	4.50		
	Laboratory	1,153.00	By Balance	3,439,230.00
		$3,439,230.00		$3,439,230.00
1904.	Jan. 1. To Balance	$3,439,230.00	McKenzie Exhauster retired	$112.00
	Salt Water Line Ext	3,780.23	Johnson Filter Press retired	300.00
	Impvmnts to Stm. Exh. Eng	99.40	16 Gasogenes retired	87,792.00
	Tar Line to Babcock & Wilcox boilers	8.10	6 Boilers retired	18,525.00
	Laboratory	50.00	Scrubbers retired	2,500.00
	Oil gas line to condenser	664.72	Engines & Blowers retired	7,992.42
	Water meter at boiler	390.00	Balance	3,599,742.39
	Gas Generating App., viz:			
	Preliminary work	2,000.63		
	Gas Generating Apparatus	159,605.57		
	Blast machinery	19,671.53		
	Condensers	18,705.70		
	Shaving Scrubbers	23,299.88		

	General connections	8,043.28		
	Pumps & immediate conns	4,792.43		
	Sundry Labor & Material	14,011.84		
	Tar Separating System	3,966.38		
	Additions to Boiler Plant	18,472.99		
	Sundries	171.13		
		$3,716,963.81		$3,716,963.81
1905.	Jan. 1, To Balance	$3,599,742.39	No. 10 Sturtevant Blower transfd to 44th St. Station	$125.00
	Gas Generating App	388.21	Shaft Fan & Pulley transfd to 44th St. Station	50.00
	Electrical installation	1,457.98	Greenfield Eng. transfd to Meter Repair Shop.	250.00
	Cochrane Feed Water Pump	270.64	American Blower Eng. transfd to Meter Repair Shop	300.00
	Addtl Salt Water Supply	165.28	Balance	3,667,648.09
	Ext. to Operating Floor	435.22		
	Addtl Oil Gas Exhauster for 14th Street	482.68		
	Exhauster Hse. contents	8,675.20		
	Railway System	7,856.37		
	Coal Shed Platform	7,610.95		
	Meter Hse. contents 16" meter	2,181.25		
	Purifier Hse. contents	10,543.99		
	Generator Hse. contents	9,918.80		
	Installing B & W boilers, Preliminary	203.64		
	Piping for Hazelton boiler	4,965.20		
	Oil Gas Machine	10,171.90		
	Wash & Locker Room	1,664.16		
	Air Blast conns. to A & T boilers	1,139.23		
	*Damages, Easterly tank and holder	500.00		
		$3,668,373.09		$3,668,373.09
1906.	Jan. 1, To Balance	$3,667,648.09		

*Not included in Plant Schedule written off in December, 1908.

1906.	Jan. 1, To Balance	$3,667,648.09		
	Additional Oil Gas Exhauster, account 14th St.	1,709.31		
	New 4" Water Stand Pipe	1,305.27		
	New Candle Power Test Holder	469.24		
	14 St. Tar Separator	1,796.81		
	Additional 30" Outlet Valve on Street Exhauster	281.50		
	New Coke Tally Shed on Dock	69.00		
	New Wash Basin	118.40		
	Exhauster House Contents	3.64		
	Railway System	1,234.09		
	Coal Shed Platform	5,504.85		
	Purifier House Contents	1,257.26		
	Generator House Contents	72.88		
	Air Blast Connections to A & T Boilers	117.81		
	Oil Gas Machine	1,881.41		
	Washer & Locker Room	3,705.15		
	Boiler House Contents	22,324.84		
	Oil Tank	12,593.24		
	No. 8 Scrubber House Contents	16,469.27		
	New Shops	1,401.23		
	General Connections	3,916.80		
	Engine House Contents	15,180.37		
	Pumps & Immediate Conns	853.88		
	Generator House Contents—Elevator	1,120.36		
	Condenser House Contents	16,793.84		
	Sundry Labor & Material	225.33		
	Electric Lighting Equipt	45.48		
	Meter House Contents, 20" Meter	3,860.88	By Balance	$3,781,960.22
		$3,781,960.22		$3,781,960.22
1907.	Jan. 1, To Balance	$3,781,960.22	One Arlington & Simms Engine with Governor & Weights sold	$1,000.00
	New Upstair Office	216.98	One Knowles Pump sold	90.00
	New Wash Basin	304.43	2 Knowles Pumps sold	195.00
	New Coke Bin No. 1 Shed	426.64	1 Centrifugal Machine and Engine sold	1,000.00
	14th St. Separator Tank	357.00		
	New Coke Tally Shed on Dock	10.65		
	Additional Outlet Valve on Street Exhauster	1.75		

	New Storeroom in Exhauster House	182.25		
	New Storeroom in Oil retort house	122.95		
	Concrete Floor Meter House Cellar	26.00		
	Oil Collecting Pan	113.30		
	Oil Gas Machine	123.20		
	Additional Coke Bin in No. 1 Shed	944.24		
	Guard Rails around Apparatus	86.47		
	Gasoline Tank, Pump House and Contents	359.91		
	Protection Gratings, Additional Buckwheat	19.99		
	Coal Bins	1,300.02		
	Remodelling Old Machine Shop	880.49		
	Forward	$3,787,436.49	*Forward*	$2,285.00
1907.	*Forward*	$3,787,436.49	*Forward*	$2,285.00
	No. 8 Scrubber House Contents	4,402.07	By Balance	3,818,287.15
	Engine House Contents	2,850.78		
	Oil Tank	9,205.58		
	Boiler House Contents	3,839.92		
	Meter House Contents	1,268.73		
	Sundry Labor and Material	137.16		
	Electric Lighting Equipt	456.46		
	General Connections	123.01		
	New Shops	1,162.13		
	Exhauster House (W) Contents	9,689.82		
		$3,820,572.15		$3,820,572.15
1908.	Jan. 1, To Balance	$3,818,287.15	Orginal cost of old blast connections retired	$1,044.00
	Fireproofing Eng. Room and Cellar	640.36	Knowles Pump Dismantled	800.00
	Remodelling Old Machine Shop	1,167.01	Arlington & Simms Engine sold	1,075.00
	Guard Rails around Apparatus	17.03	Filter press sold	823.79
	Additional Buckwheat Coal Bin	134.51	Original cost of collapsed tank and holder,	
	Additional Photometer on outlet main	219.78	Ave. A and 20th Street:	
	Extension Roof—Blacksmith Shop	97.24	Tank and Holder	127,957.96
	Extension 4" Exhaust Pipe	135.18	Tank and Holder Foundation	44,858.53
	Additional Salt Water Pump	1,895.04	Damages, account of tank and holder	42,139.38
	New Coke Hopper No. 1 Shed	244.16	By Balance	3,615,636.82

1908.	Automatic Boiler Feed Regulator	833.03		
	Water Line to Photometer House	17.25		
	New Foot Valve for Salt Water Suction	340.04		
	Additional Steam Hydraulic Elevator Attachment	610.11		
	New Platform—No. 23 Oil Tank	10.40		
	New Window in Old Retort House	13.65		
	New Skylight—Generator House Roof	152.70		
	Steam Receiver at Dock Engine	119.22		
	Additional Coke Bins	347.58		
	Additional Tar Suction to A & B Tank	159.22		
	Exhauster House (W) Contents	448.55		
	Improvements to 20th St. Stable	1,713.03		
	Improved Blast Connections	1,628.87		
	Damages, account of Tank & Holder	5,104.37		
		$3,834,335.48		$3,834,335.48
1909	Jan. 1. To Balance	$3,615,636.82	Johnson Filter Press sold	$500.00
	Vulcan Soot Cleaner	10.50	No. 2 Single Cylinder Cameron Pump sold	75.00
	Extension Generator W. B. Overflow	13.87	Blake pump sold	325.00
	Additional Steam Trap	104.23	Sturtevant Blower sent to 44th Street	765.53
	Additional Storeroom	379.75	Concrete Floors torn out	1,320.00
	New Coke Filter	131.67		
	Extension Steam Line to Tar Separator	84.13		
	Forward	$3,616,360.97	*Forward*	$2,985.53
1909	*Forward*	$3,616,360.97	*Forward*	$2,985.53
	High Pressure Alarm Apparatus in New Purifying House	39.94	By Balance	3,621,022.80
	New Revivifying Apparatus	1,153.04		
	New Tracks to Nos. 3 & 4 Sheds	71.75		
	New Nebulizer	600.00		
	Additional Coal Conveyor Engine	389.72		
	New Stop Valves Nos. 24-25 1 & 3-2 & 4 Boilers	418.78		
	Drain Line from Oil Heater to Trap, Engine Room	47.92		
	New Wash Box No. 9 Generator	10.04		
	New Tank for Blow Down Valve	43.41		

	New Tank for Blow Down Valve	43.41		
	New Skylights for Generator Room	686.52		
	Ventilation for Engine Room	69.68		
	Plates for Generator Blast Main	77.14		
	Overflow for Wash Box No. 8 Generator	50.13		
	Covers for Gas Expansion Joint	21.25		
	Overflow for Wash Box 6-13 Generator	36.06		
	Shaving Scrubber Test	92.61		
	Hydraulic Steam Elevator attachment, Hydraulic Elevator No. 1	301.88		
	New Discharge Pipe for Salt Water Tank	57.60		
	New Connections for Suction 23 Oil Tank	43.33		
	Steam Jet for Generators	148.33		
	Fire Brick, B. W. Boilers	3.96		
	New Flush Line for Condenser	218.63		
	New Generator Steam Distributor	19.80		
	New Skylight over Hazelton boilers	46.17		
	Overflow line for Seal. Pots 6-13 Generators	158.30		
	New Photographic Room for Laboratory	329.84		
	Drain Line to Water Heater	22.33		
	New Hydraulic Elevator	78.06		
	New Skylights for Laboratory	150.80		
	Improvements to 21st Street Repair Shop:			
	Concrete Floors	1,546.88		
	New Storage Racks	201.86		
	Plumbing	416.58		
	Tools and Implements	85.02		
		$3,624,008.33		
				$3,624,008.33
1910.	Jan. 1, to Balance	$3,621,022.80		
1910.	Jan. 1. to Balance	$3,621,022.80	Original cost of Tank Yard Boilers, No. 11 and 12—Dismantled	$9,000.00
	New Engine for Coal Elevator	5.52	Arlington & Simms Engine sold	1,500.00
	New Dust Collector	518.36	By Balance	3,628,052.60
	New Flush Line to Condenser	90.33		
	Air compressor for cleaning boiler tubes	162.74		
	New Nebulizer No. 1	300.90		
	New Platform for salt water condenser	103.95		
	New steam line from boilers to generators	397.94		

1910	New air compressor	429.07		
	New Venturi Hot Water Meter	434.94		
	Ventilation for Generator Floor	155.75		
	Horse Hospital	2,473.92		
	New Skylight for Generator Roof	73.40		
	New Feed Water Filters for boilers	80.09		
	Additional new coke bin	52.92		
	New Hydraulic Elevator	21.16		
	Fireproofing Engine Room	1,976.57		
	New air line to shaving scrubbers	33.88		
	General connections	600.76		
	Blow Off to Nos. 24 & 25 boilers	490.10		
	Astoria Storeroom	279.28		
	Air Pump	24.00		
	Extension to Coke and Coal Conveyors	5,615.18		
	New Nebulizer No. 2	100.00		
	Salt Water Pump	1,442.84		
	New Skylight for Laboratory	171.48		
	Feed Water Filters	600.00		
	Dirty Water Line from No. 1 and No. 5 Generators	101.72		
	New Ventilator—Stable	31.08		
	Improvements to 21st St. Station, Meter Repair Shop:			
	New Cement Floors—Garage	229.95		
	New Wash Basin	112.59		
	New Loading Platform	149.59		
	Electrical Work in Garage	95.82		
	Acetylene Plant	173.97		
		$3,638,552.60		$3,638,552.60
1911	Jan. 1, To Balance	$3,628,052.60	Original cost of the floors, walls, sheathing and stairways of the 1st floor of Exhauster House "W" which were torn out and replaced by fireproof material	$2,000.00
	Extension to Coke and Coal Conveyor	3,156.65	Original cost of Tar Tanks, A, B & C—dismantled	1,588.03
	Ventilators—Stable	116.95		
	Coke Bins for Astoria Coke	1,582.23		
	Laboratory Storeroom in Exhauster House	88.58		
	Additional Safety Guards for elevators	346.18		
	[illegible]	[illegible]	[illegible]	[illegible]

1911.	*Forward*	$3,653,343.12	*Forward*	$3,588.03
	Battery Room Laboratory	90.61	Original cost of Bucket Elevator, a portion of the coal handling apparatus in No. 1 Coal House	3,075.00
	Concrete Floor—Meter House	830.08	By Balance	3,654,774.26
	Paving No. 23 Tank Yard	108.58		
	Paving No. 6 Shed	96.55		
	Extension to Tar Tank G	1,151.20		
	Ventilators—Ben. Hse. Roof	83.80		
	Tar Storage Tank A-2	2,235.99		
	Tar Storage Tank B-2	1,755.30		
	Ventilators—Gen. Hse. Floors	242.41		
	Engine & Exhauster	9,774.62		
	Extension to Tar Tank E	132.38		
	Extension to Tar Tank C	138.48		
	Dust Collectors	6,869.13		
	Foster Oil Pump	91.11		
	Fireproofing 1st floor of Exhauster House W	3,016.07		
	Ventilators—Laboratory	128.00		
	Hazelton Boilers	54.03		
	Brick Cleaning Apparatus	457.73		
	Meter Repair Shop 21st St.:			
	Acetylene Plant	315.48		
	Loading Platform	38.89		
	Electrical Work in Garage	61.15		
	Ventilating Blower	422.51		
		$3,661,437.29		$3,661,437.29
1912.	Jan. 1, To Balance	$3,654,774.26	Rowland Engine & McKenzie Exhauster dismantled:	
	Engine & Exhauster in Exhauster House "W"	2,810.46	Book Value $2,500.00	
	Fireproofing 1st floor Exhauster House "W"	2,992.51	Less Estimated value of Engine inst. 1,150.00	
	Electric Lighting in Exhauster House "W"	463.63		
	Steel Floor in Basement Exhauster House W	162.48	on Coal Conveyor at 21st St. and charged additional engine on Coal Conveyor, 21st Street Station	$1,350.00
	Dust Collectors	4,776.02	Brick and wooden fence around yard between 20th and 21st St. and Avenue "A" demolished	3,753.13
	Hazelton Boilers	9.34		
	Sewer for Office, 501 E. 21st St.	249.80		
	Additional Safety Guards for Elevators	34.88		
	Ventilators on Generator House Roof	79.63		
	Ventilators for Generator House Floor	13.83		

1912.	General connections	4,671.15	Building "A" South East cor. 22nd Street and 1st Ave. demolished	6,797.08
	Engine Room Partition	443.85	By Balance	3,711,067.57
	Sink—Laboratory	42.51		
	Fire Escape—Oil Pump House	7.19		
	Relief Holder No. 1	34,966.93		
	" " No. 2	96.80		
	Electric Lighting and Wiring in Engine Room	544.85		
	Additional Steam Separator	123.23		
	Pyrometers	1,414.79		
	Brick fence on 20th and 21st Street and Avenue A	14,011.39		
	Additional Platform around Shaving Scrubbers	126.60		
	Outboard bearings for Generator Stack Valve Shaft	56.91		
	Storm Plates on Gen. Hse. Roof	88.62		
	Vestibule—Exhauster House	6.06		
		$3,722,967.78		$3,722,967.78
1913.	Jan. 1, To Balance	$3,711,067.57		
1913.	Jan. 1, To Balance	$3,711,067.57	Original cost of Relief Holders No. 1 and 2 dismantled	$96,263.78
	General connections	342.45	Meter Repair Shop:	
	Storm Roof for Generator House Roof	245.48	Buildings dismantled and partly demolished	57,275.29
	Additional platform around Shaving Scrubber	11.52	Portion of 14th Street Oil Gas Line torn out	110.00
	Brick fence—20th-21st Sts. and Avenue A	3,936.45	By Balance	3,744,266.21
	Pyrometers	6.09		
	Exhauster House Vestibule	727.96		
	New engine and exhauster for Exhauster House "W"	192.08		
	Five pressure gauges in Exhauster House "W"	140.96		
	Laboratory Storeroom	96.07		
	Outboard bearings for Generator Stack, valve & shaft	7.45		
	Toilet Room for 20th Street Stable	839.51		
	Additional Safety Guards on Elevator	7.55		
	Additional Water Line to Generators and boilers	342.23		

	Purifier Carriage Wheel Guards	215.97		
	2 Canady Combustion Controllers Boilers Nos. 1 and 3	780.00		
	Relief Holder No. 1	22,038.05		
	" " No. 2	54,683.17		
	Central Garage	101,569.11		
	Lunch Room Partitions	545.61		
	3" Worthington W. Meter No. 474864	120.00		
		$3,897,915.28		$3,897,915.28
1914.	Jan. 1. To Balance	$3,744,266.21	5 Bench Settings from Arches of Stack No. 2 Removed	$2,500.00
	Central Garage	23,689.77	By Balance	3,767,133.99
	Guards around No. 1, 2 and 3 Engines	137.57		
	Overhead fire lines in Sheds No. 6, 7, 8, 9 and 10	213.69		
	Relief Holder No. 2 Tank	755.72		
	Railing around driveway betw. 2nd and 4th holders on 22nd Street side	18.07		
	Additional safety guards around belts and pulleys	190.95		
	Fire on south side of Tank Yard	119.44		
	Electric Lights in Meter House	16.10		
	Electric Lights in Purifier House Shed No. 7	10.97		
	Electric Lights in Purifier House Shed No. 10	59.38		
	Electric Lights in Exhauster House Cellar	2.58		
	Electric Lights in Purifier House Shed No. 9	3.54		
	Apparatus transferred to 21st Street from 44th Street Station	150.00		
		$3,769,633.99		$3,769,633.99

1915.	Jan. 1, To Balance	$3,767,133.99		Johnson Filter Press retired	$840.00
1915.	Jan. 1, To Balance	$3,767,133.99		By Balance	3,770,952.88
	Central Garage	1,703.85			
	Additional Safety Guards on No. 4 elevator	213.71			
	Installation of electric lights	385.02			
	Coke Office	461.06			
	Coke Bin in No. 1 Shed	414.77			
	12" Sewer	640.48			
	Air Compressor in Engine Room	840.00			
		$3,771,792.88			$3,771,792.88
1916.	Jan. 1, To Balance	$3,770,952.88		Ventilators, Central Garage retired	$785.00
	Safety Guards around Engine and Exhauster	476.21		Battery Hoist, Central Garage—retired	367.00
	Air compressor in Engine Room	142.36		8" Pipe Cutting Machine retired	900.00
	Chain drive for No. 9 Exhauster	9.28		By Balance	3,770,986.38
	Safety Guards on Elevators	215.56			
	Storeroom in Retort House	107.04			
	Cast Iron Sewer, 20th St. Stable	840.63			
	Exhauster House Woven Wire Window Guards	188.91			
	Fire Doors, Central Garage	105.51			
		$3,773,038.38			$3,773,038.39
1917.	Jan. 1, To Balance	$3,770,986.38		Exhausters No. 1-2-3 dismantled	$20,379.63
	Woven Wire Window Guards	7.21		Two 10'x20' Purifier boxes	7,200.00
	Safety Guards-Eng. and Exhausters	668.48		By Balance	3,768,553.42
	Safety Guards on elevators	35.79			
	Carburetor & Blast regulator	781.52			
	Soot blower for 1-3 boilers	710.80			
	Boiler feed pumps	524.98			
	Exhauster No. 11	11,188.15			
	Recording Pyrometer No. 4	301.17			
	Exhauster No. 10	2,458.57			
	Chain drive for No. 6 and 7 Exhausters	1,168.46			
	Meter House Contents-Conn	1,346.02			
	Extension to Exhauster House Building	4,007.61			
	Exhauster connections	1,632.12			

	Revivifying Blower No. 2	304.01			
	Electric Wiring Coal Sheds 3-4-5	11.78			
		$3,796,133.05			$3,796,133.05
1918.	Jan. 1, To Balance	$3,768,553.42		Meter retired	$3,500.00
	Worthington Pump	553.93		Scrubbers retired	3,903.00
	Exhauster House Extension	7,360.35			
	Wiring in coal sheds No. 3, 4 and 5	198.73			
	Station Meter	32.78			
	Boiler Feed Pump (18x20 Cameron)	1,111.36			
	Revivifying Blower No. 2	8.41			
	2 strainers in salt water suction	3,072.85			
	Extension to platform in No. 8 shed	1,015.31			
	120' chain fence	370.15			
	Steam Hydraulic Elevator No. 4	2,016.03			
	Tar separator	9,249.30			
	Wash & Locker Sheds & Contents	482.71			
	Forward	$3,794,025.33		*Forward*	$7,403.00
1918.	*Forward*	$3,794,025.33		*Forward*	$7,403.00
	Elec. Shovel for Coal Handling	7,836.80			
	Oil Pipe Line to No. 4 holder	485.77		By Balance	3,816,273.52
	24" Carling Blower	370.87			
	Elect. wiring in Generator House	31.60			
	Tar Still	828.18			
	Exhauster No. 6	407.98			
	" No. 6 and 7	84.85			
	" No. 7	531.00			
	" No. 10	14,446.36			
	" No. 11	4,478.97			
	" Connections	148.81			
		$3,823,676.52			$3,823,676.52
1919.	Jan. 1, To Balance	$3,816,273.52			

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—42ND ST. STATION

Detailed Statement of Construction Since Consolidation

1884.	Nov. 11. Rowland Appraisal	$1,456,527.00		Transferred to Horses, Wagons & Harness	$975.00
1885.	Impvmnt to Retort Hse	3,830.74		By Balance	1,464,064.16
	Purifying Hse	1,026.96			
	Brass Pump 10"x6"x10"	259.00			
	Paving Roadway	186.25			
	Tar well	3,209.21			
		$1,465,039.16			$1,465,039.16
1886.	Jan. 1, To Balance	$1,464,064.16			
	Greenfield Eng. 7x7	262.00			
	8 Naphtha Tanks	6,597.45		By Balance	$1,470,923.61
		$1,470,923.61			$1,470,923.61
1887.	Jan. 1, To Balance	$1,470,923.61		105' 20" Main retired	$225.00
1888				By Balance	1,470,698.61
		$1,470,923.61			$1,470,923.61
1889.	Jan. 1, To Balance	$1,470,698.61		C. I. Scrbbers retired	$5,000.00
	Eclipse Scrubber & conns	11,936.86		By Balance	1,477,635.47
		$1,482,635.47			$1,482,635.47
1890.	Jan. 1, To Balance	$1,477,635.47		Condenser in Hse. No. 1 retired	$9,000.00
	Condenser in No. 1 Cond. Hse	18,467.73		2 Locomotive boilers retired	3,700.00
	2 Boilers	5,537.21		By Balance	1,489,253.48
	Eclipse Scrubber	288.84			
	Sundries	24.23			
		$1,501,953.48			$1,501,953.48

1891.	Jan 1. To Balance	$1,489,253.48	1 6 H.P. Greenfield Eng. trsfd. to 21st Street.	$250.00
			2 45 H.P. Blowers retired	800.00
			By Balance	1,488,203.48
		$1,489,253.48		$1,489,253.48
1892.	Jan. 1, To Balance	$1,488,203.48		
	2 W. I. Tanks 8'x30'	4,656.00	By Balance	$1,492,859.48
		$1,492,859.48		$1,492,859.48
1893.	Jan. 1, To Balance	$1,492,859.48		
	1 60" Meter & conns	550.30		
	Naphtha Gas Apparatus	949.09		
	Exhauster & Engine	1,363.00		
	1 Gas Holder	2,900.00		
	1 Scrubber, Rowland, from 21st St	500.00	1 70 H.P. Loco. boiler sold	$3,000.00
			By Balance	1,496,121.87
		$1,499,121.87		$1,499,121.87
1894	Jan. 1, To Balance	$1,496,121.87		
			1 150 M. McKenzie Exh. }	
			2 24" Reducers } *	
			1 Compensator Balance }	
			*Trsfd. to 21st St. Sta	$5,600.00
			By Balance	1,490,521.87
		$1,496,121.87		$1,496,121.87
1895.	Jan. 1, To Balance	$1,490,521.87		
	Recording gauge	70.00		
	1 20" Valve	100.00	By Balance	$1,490,691.87
		$1,490,691.87		$1,490,691.87
1896.	Jan 1, To Balance	$1,490,691.87	Exhauster & Engine retired	$1,363.00
			By Balance	1,489,328.87
		$1,490,691.87		$1,490,691.87

1897.	Jan. 1, To Balance	$1,489,328.87			
1898.	Stable, 42nd St. 10th & 11th Aves	220.85	By Balance		$1,489,549.72
		$1,489,549.72			$1,489,549.72
1899.	Jan. 1, To Balance	$1,489,549.72			
1900.	Std. connections	3,401.79	2 Hydro Scrubbers to 44th St. Station		$538.55
	Weigh House	252.75	By Balance		1,492,665.71
		$1,493,204.26			$1,493,204.26
1901.	Jan. 1, To Balance	$1,492,665.71			
	Weigh House	783.25			
	Misc. Improvements	2,287.51	By Balance		$1,495,736.47
		$1,495,736.47			$1,495,736.47
1902.	Jan. 1, To Balance	$1,495,736.47			
	Benches for fuel oil	1,697.23			
	Fuel oil tank	155.76			
	Coke run	11.97	By Balance		$1,497,601.43
		$1,497,601.43			$1,497,601.43
1903.	Jan. 1, To Balance	$1,497,601.43			
1904.	Tar and Ammonia Water Line Extension	364.19	By Balance		$1,497,965.62
		$1,497,965.62			$1,497,965.62
1905.	Jan. 1, To Balance	$1,497,965.62			
	Fence and Runway, 41st Street Dock	1,272.72			
	Tar and Ammonia, Water Line Extension	76.67	Blake pump transferred to 111th St. Station		$260.00
	McKenzie Exhauster	200.00	By Balance		1,501,055.01
		$1,501,315.01			$1,501,315.01

1906.	Jan. 1, To Balance	$1,501,055.01		
1907.	Boxing salt water line	125.65	By Balance	$1,501,180.66
		$1,501,180.66		$1,501,180.66
1909.	Jan. 1, To Balance	$1,501,180.66		
	Additional conns. to fire pump	241.57		
	New feed water heater on dock	286.72	By Balance	$1,501,708.95
		$1,501,708.95		$1,501,708.95
1910.	Jan. 1, To Balance	$1,501,708.95		
	New Steel Roof Truss	487.44		
	New Tar Delivery Pump	231.57		
	New Sidewalks	907.79	By Balance	$1,503,335.75
		$1,503,335.75		$1,503,335.75
1911.	Jan. 1, To Balance	$1,503,335.75		
	Forced Draft Blower	655.98		
	Platform Scale	132.55		
	Brick wall under sidewalk from W. end of Retort House No. 3 to curb line	95.16	By Balance	$1,504,219.44
		$1,504,219.44		$1,504,219.44
1912.	Jan. 1, To Balance	$1,504,219.44	3" Worthington W. Meter torn out	$110.00
1913.	3" Worthington W. Meter	175.44	By Balance	1,504,284.88
		$1,504,394.88		$1,504,394.88
1914.	Jan. 1, To Balance	$1,504,284.88		
	Additional safety guards around belts and pulleys	458.99		
	20" Circular Saw Guards	17.77		
	No. 5 Exhauster	2,540.21		
	Adjustment for apparatus transferred from 99th St. in February 1909	100.00	By Balance	$1,507,401.85
		$1,507,401.85		$1,507,401.85

1915.	Jan 1, To Balance	$1,507,401.85			
1915.	Jan. 1, To Balance	$1,507,401.85	Niagara Pump retired		$100.00
	Granite Block Paving 41st St. Stable Yard	103.35	Wooden floor, 41st Street Stable—retired		75.00
	Brick Wall	417.98	Brick wall (25 ft.) retired		360.00
	Blake Feed Pump	112.20	By Balance		1,507,712.92
	Electric Drive or Coke Hoist	11.03			
	Additional safety guards around belts & pulleys	201.51			
		$1,508,247.92			$1,508,247.92
1916.	Jan. 1, To Balance	$1,507,712.92	McKenzie Exhauster No. 2 retired		$2,000.00
	Electric drive for coal hoist	736.65	McKenzie Exhauster No. 3 retired		5,000.00
			By Balance		1,501,449.57
		$1,508,449.57			$1,508,449.57
1917.	Jan. 1, To Balance	$1,501,449.57	Original cost of 41st St. property (stable) sold to Cons. T. & E. S. Co., viz.:		
	Station Meter No. 3	.40	Stable		$8,035.85
			Stable—Granite Block paving		103.35
			Stable—Brick Wall		417.98
			Plant destroyed by fire in Purifier House on Aug. 26th, 1917		266.64
			Plant destroyed by fire on Feb. 3, 1917, viz.:		
			Coal Shed No. 3		40,000.00
			Carpenter Shop		800.00
			Storeroom		500.00
			Portion of coal handling trestle		3,676.70
			300 ft. elevated track		1,500.00
			Wooden retaining wall		250.00
			7 steel coal cars		1,968.75
			Greenfield Eng.—10 H.P. 7 x 7		262.00
			By Balance		1,443,668.70
		$1,501,449.97			$1,501,449.97
1918.	Jan. 1, To Balance	$1,443,668.70			
	Station Meter No. 3, Makers No. 1739	3,668.50	By Balance		$1,447,337.20
		$1,447,337.20			$1,447,337.20

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—44TH ST. STATION

Detailed Statement of Construction Since Consolidation

1884.	Nov. 11, Rowland Appraisal	$1,815,125.00			
	Sundries	332.79	By Balance		$1,815,457.79
		$1,815,457.79	Transferred to		$1,815,457.79
1885.	Jan. 1, To Balance	$1,815,457.79	Horses, Wagons & Harness		$3,157.00
	Sundries	3,517.44	By Balance		1,815,818.23
		$1,818,975.23			$1,818,975.23
1886.	Jan. 1, To Balance	$1,815,818.23			
	Sundries	3,113.99	By Balance		$1,816,932.22
		$1,816,932.22			$1,816,932.22
1887.	Jan. 1, To Balance	$1,816,932.22			
	4 Purifiers	6,152.13			
	Purifying House	16,258.73			
	2 Boilers	5,895.70			
	3 Naphtha Tanks	4,000.00			
	Exhausters	8,300.00			
	Blowers	1,343.75			
	Misc. Improvements	824.10			
	Sundries	65.05	By Balance		$1,859,771.68
		$1,859,771.68			$1,859,771.68

CHARLES D. NEWTON ET AL., ETC. 17229

1888.	Jan. 1. To Balance	$1,859,771.68	Telephone system abandoned	$650.00
	Exhauster conns	4,642.63	By Balance	1,915,428.12
	Station Meter	8,994.00		
	Misc. Improvements	7,112.99		
	4 Purifiers	19,321.47		
	Purifier House	7,950.25		
	2 Boilers	5.80		
	3 Naphtha Tanks	3,552.64		
	Paving	3,378.00		
	Valve and Screw	132.00		
	Pipe	456.68		
	Sundries	759.98		
		$1,916,078.12		$1,916,078.12
1889	Jan. 1. To Balance	$1,915,428.12	By Balance	$1,915,579.57
	Exhauster conns	151.45		
		$1,915,579.57		$1,915,579.57
1890.	Jan. 1. To Balance	$1,915,579.57	Carburetter base trsfd to 21st Street	$335.74
	1 Beam Eng. from 21st St	500.00	By Balance	1,921,422.68
	Naphtha Tank	475.74		
	Ext. to Pump House	289.55		
	Oil Tank	765.83		
	Hydraulic Lift for Purifiers	202.59		
	Hydro Main & Carb. conns	3,813.86		
	Sundries	131.28		
		$1,921,758.42		$1,921,758.42
1891.	Jan. 1. To Balance	$1,921,422.68	Station Meter retired	$540.00
	Extension to Pump Hse	261.17	3 Boilers retired	5,260.00
	Extension to Eng. Room	3,896.62	By Balance	1,922,572.51
	Extension to Dump	206.70		
	Blower Engines	2,225.34		
	Retort Hse. Conns	165.00		
	Air compressor conns	195.00		
		$1,928,372.51		$1,928,372.51

1892.	Jan. 1, To Balance	$1,922,572.51		Gasogene & Retort Hse., 1 Upr Blr., 2 Gasog., 4 Dble. Benches, 1 Dup. Pump and 4 Purifiers retired	$42,364.60
	2 Naphtha Tanks	5,620.60		10 W. I. tanks & conns. with brick-wall enclosure retired	25,547.00
	Line Shed	1,375.35			
	Air Condenser	15,656.53			
	4 Hazelton Boilers	7,964.98			
	Foundation for Air Condenser and Naphtha Tank	2,091.47		By Balance	1,888,395.59
	Hydraulic Main	548.60			
	Gas Engine	375.00			
	24" Drip	102.15			
		$1,956,307.19			$1,956,307.19
1893.	Jan. 1, To Balance	$1,888,395.59		6 Hor. Blowers and 16 gauges retired	$22,495.00
	1 Gas Meter	90.95		1 G. H. & Foundation	3,000.00
	2 Naphtha Tanks	3,570.00			
	Air condenser	40.38			
	4 Hazelton Boilers	8,014.53		By Balance	1,874,616.45
		$1,900,111.45			$1,900,111.45
1894.	Jan. 1, To Balance	$1,874,616.45		By Balance	$1,876,185.81
	Street Exhauster	1,569.36			
		$1,876,185.81			$1,876,185.81
1895.	Jan. 1, To Balance	$1,876,185.81		By Balance	$1,878,348.10
	Bench Work & Fittings	2,162.29			
		$1,878,348.10			$1,878,348.10
1896.	Jan. 1, To Balance	$1,878,348.10		By Balance	$1,878,358.54
	Sundries	10.44			
		$1,878,358.54			$1,878,358.54

1897.	Jan. 1, To Balance	$1,878,358.54		
	W. I. tank 8'x30'	350.00		
	Fuel Oil Pipe Line	1,248.15		
	Dble O. G. benches of 8s	262.53		
	Fuel Oil Tank House	259.98		
	Take-off from Old Retorts	891.00	By Balance	$1,881,370.20
		$1,881,370.20		$1,881,370.20
1898.	Jan. 1, To Balance	$1,881,370.20		
	Gasogenes No. 7 to No. 12	4,464.97		
	Feed water heater conns	467.24		
	Fuel Oil Tank House	65.00		
	2 cyl. No. 9 12x14 Gas Engs	2,770.65	By Balance	$1,889,138.06
		$1,889,138.06		$1,889,138.06
1899.	Jan. 1, To Balance	$1,889,138.06		
	No. 5 Gasogenes	548.37		
	Eng. Room Ext.	1,717.66		
	Gas oil pipe	2,227.49		
	Filter Press	1,133.34		
	Air compressor	2,690.87		
	Oil heater	281.69		
	Lowe water gas apparatus	23,033.18	By Balance	$1,920,770.66
		$1,920,770.66		$1,920,770.66
1900.	Jan. 1, To Balance	$1,920,770.66	4 Gasogenes retired	$14,272.00
	2 Hydro Scrubbers from 42nd St. Station	538.55	2 Turntables retired	400.00
	1 2½" Worth water meter	130.00	By Balance	1,911,091.47
	Filter Press House	39.32		
	Jet Condenser	2,284.52		
	Stokers	1,812.75		
	Feed water heater	70.60		
	Weigh House	103.57		
	Lowe water gas app	13.50		
		$1,925,763.47		$1,925,763.47

1901.	Jan. 1, To Balance	$1,911,091.47	C. I. Seal Box & Flanges retired	$35.85
	Jet condenser	18.45	Trsfd to Scow Acct—2 scows	5,800.00
	Stokers	.30	By Balance	1,919,936.74
	Nos. 5 and 6 Hazelton Boilers	6,108.80		
	Iron Mass House	88.49		
	Blower	2,385.08		
	Steel lining for tank	6,080.00		
		$1,925,772.59		$1,925,772.59
1902.	Jan. 1, To Balance	$1,919,936.74		
	Nos. 5 & 6 Boilers	19.31		
	Engine for Blower	2,511.75	By Balance	$1,922,467.80
		$1,922,467.80		$1,922,467.80
1903.	Jan. 1, To Balance	$1,922,467.80	Hydro Scrubber retired	$538.55
	Hydrogen Scrubber	1,145.97	Horizontal boilers retired	7,158.32
	2 B&W W. T. Boilers	7,876.57	2 16" Gate Valves retired	67.00
	Water tube condenser	6,422.15	By Balance	1,934,467.41
	Ext. to Foundation for 2 B&W W. T. Boilers	454.48		
	Blower Engine	1,600.58		
	Fuel oil tank for boilers	182.90		
	Boiler feed pumps	415.89		
	Feed water line to boiler	69.50		
	Steam line to No. 7 and No. 8 boilers	6.42		
	Boiler Blower Engine	954.84		
	" " House	220.37		
	Jet Condenser Line	15.35		
	U. G. I. Condenser Overflow	398.46		
		$1,942,231.28		$1,942,231.28

1904.	Jan. 1. To Balance	$1,934,467.41	8 Gasogenes retired	$52,648.64
	Jet Condenser Line	5.50	8 Dble Benches retired	38,577.77
	Salt water line ext	37.64	By Balance	1,960,899.55
	Water Meter at Boiler	99.50		
	Gas generating app., viz: Preliminary work	1,178.53		
	Gas generating apparatus	83,538.68		
	Blast machinery	4,350.37		
	Hot scrubbers	3,607.81		
	Condensers	7,798.60		
	General connections	5,776.61		
	Pumps & immediate conns	1,904.84		
	Sundry Labor & Material	3,198.65		
	Tar separating system	5,675.14		
	Sundries	186.68		
		$2,052,125.96		$2,052,125.96
1905.	Jan. 1. To Balance	$1,960,899.55	Knowles air compressor retired	$1,550.00
	Gas generating apparatus	577.61	By Balance	1,966,094.53
	Salt water line ext	69.61		
	Wiley Proportional Meter	2,176.59		
	Coal hoisting apparatus	3,746.17		
	No. 10 Sturt. Blower from 21st Street	125.00		
	Additional Fan, Shaft and Pulley from 21st Street	50.00		
		$1,967,644.53		$1,967,644.53
1906.	Jan. 1. To Balance	$1,966,094.53		
	New Coal Hoisting Apparatus	2,231.30		
	New Wiley Proportional Meter	.81		
	New Condensers	13.00		
	Two new blowers	348.61		
	New toilet	1.07	By Balance	$1,968,689.32
		$1,968,689.32		$1,968,689.32

	[illegible]	[illegible]		
	Two new blowers	7.92		
	New Coke Hopper	774.17		
	Miscellaneous	21.10		
		$1,969,487.56		
			By Balance	$1,969,487.56
				$1,969,487.56
1908.	Jan. 1. To Balance	$1,969,487.56		
	New coke hopper foundations	997.53	Filter Press sold	$1,133.34
	New coke hopper	1,578.75	By Balance	1,971,970.76
	Kelly Berryman Feed Water Heater	1,040.26		
		$1,973,104.10		
				$1,973,104.10
1909.	Jan. 1. To Balance	$1,971,970.76		
1909.	Jan. 1, To Balance	$1,971,970.76		
	New revivifying apparatus	25.00	Original cost of old air condenser retired	$15,656.53
	Dust Collector	1,894.99	Original cost of blower destroyed by explosion in August, 1909	350.00
	New radiator valves	22.20	By Balance	1,978,471.28
	New steam separator	150.00		
	Sturtevant Blower from 21st St. Station	765.53		
	New condenser and conns.			
	Preliminary work	475.78		
	Excavations and foundations	1,040.83		
	Condenser and connections	1,698.73		
	Tar Piping	314.05		
	Salt Water Piping	1,952.12		
	Condenser	14,167.82		
		$1,994,477.81		
				$1,994,477.81
1910.	Jan. 1, To Balance	$1,978,471.28		
	New condenser and conns.			
	Salt Water Piping	69.02		
	High pressure blower	4,772.59		
	New Nebulizer	416.00		
	New Main Steam Line	4,560.11		
	New Exhaust Steam Line	336.36	By Balance	$1,988,625.36
		$1,988,625.36		
				$1,988,625.36

1911.	Jan. 1, To Balance	$1,988,625.36		Revivifying apparatus transferred to 42nd St.	$25.00
	Exhaust Steam Line	3,521.92		No. 7 Monogram Blower transferred to 21st St.	135.00
	High Pressure Blower	134.38			
	Main Steam Line	9.21			
	Dust Collectors	55.71		By Balance	1,992,186.58
		$1,992,346.58			$1,992,346.58
1912.	Jan. 1, To Balance	$1,992,186.58		Two Hydraulic Elevators dismantled	$2,500.00
	Davidson Pump in Engine Room	1,640.95		500 H.P. Kelley Berryman F. Water Heater dismantled	467.24
	Dust Collectors	1,476.96		Brick wall enclosing property E. No. 5 Holder demolished	1,260.00
	16" Proportional Station Meter	1,500.00		By Balance	2,004,416.93
	16" Proportional Station Meter Connections	982.32			
	New Exhaust Steam Line	778.89			
	Pyrometers	330.43			
	High Pressure Blower No. 2	5,084.06			
	Two Hydraulic Elevators in Generator House	4,214.20			
	Davidson Pump for wash box seals	450.68			
		$2,008,644.17			$2,008,644.17
1913.	Jan. 1, To Balance	$2,004,416.93		Davidson Pump torn out	$450.68
	Dust Collectors	568.41		By Balance	2,005,805.73
	High Pressure Blower No. 2	585.54			
	2 Hydraulic Elevators, Generator House	300.00			
	Holder Drip Oil Tank	175.70			
	2" Worthington W. Meter No. 508536	209.83			
		$2,006,256.41			$2,006,256.41
1914.	Jan. 1, To Balance	$2,005,805.73			
1914.	Jan. 1, To Balance	$2,005,805.73		Dwelling House No. 605 W. 44th Street—Demolished	$2,500.00
	Toilet in Carpenter Shop	224.22		No. 10 Vertical Boiler dismantled	875.00
	Toilet in Exhauster House	191.18		4 Smoke Stacks for Hazleton Boilers No. 1, 2, 3 & 4 dismantled	500.00
	50 H. P. Tubular Boiler No. 10-A	367.01		Apparatus transferred to 21st Street Station	150.00
	Wooden fence, 44th to 46th Sts.	1,703.05			
	New 2" Water Service No. 603 W. 45th Street	730.12		By Balance	2,004,996.31
		$2,009,021.31			$2,009,021.31
1915.	Jan. 1, To Balance	$2,004,996.31			

CONSOLIDATED GAS COMPANY OF N. Y.
PLANT ACCOUNT—63RD STREET STATION
Detailed Statement of Construction since Consolidation
Plant Account—Ave. A. & 1st Ave., 60th, 61st, 62nd & 63rd Sts.

1884.	Nov. 11, Rowland Appraisal	$205,025.00		
1886.	Sewer 63rd St.	53.58	By Balance	$205,078.58
		$205,078.58		$205,078.58
1887.	Jan. 1, To Balance	$205,078.58		
	Connections	2,686.18		
1888.	Tank and Holder	15,238.06	By Balance	$223,002.82
		$223,002.82		$223,002.82
1889.	Jan. 1, To Balance	$223,002.82		
	Tank and Holder	261,098.10	By Balance	$484,100.92
		$484,100.92		$484,100.92
1890.	Jan. 1, To Balance	$484,100.92	Frame sides of Eng. House demolished	$2,000.00
	Tank and Holder	64,567.12	1 cyl. tubular blower retired	1,500.00
	70′ 10″ Dbl. Belting	99.40	By Balance	556,453.14
	Alteration and extension to Engine House, 63rd St.	6,295.05		
	Two boilers	4,890.65		
		$559,953.14		$559,953.14
1891.	Jan. 1, To Balance	$556,453.14		
	30″ Transit Conns.	754.67		
	Ext. to Engine House	950.00		
	Sundries	52.25	By Balance	$558,210.06
		$558,210.06		$558,210.06

1892.	Jan. 1, To Balance	$558,210.06		
	30" Transit Conns.	764.48		
	Sundries	68.50	By Balance	$559,043.04
		$559,043.04		$559,043.04
1893.	Jan. 1, To Balance	$559,043.04		
	Street Exhauster	1,040.27		
	Connections	1,571.05	By Balance	$561,654.36
		$561,654.36		$561,654.36
1894.	Jan. 1, To Balance	$61,654.36		
	Street Exhauster	856.44		
	Connections	327.55	By Balance	$562,838.35
		$562,838.35		$562,838.35
1895.	Jan. 1, To Balance	$562,838.35		
1903.	Photometer	150.60		
	Drip Tank	16.89	By Balance	$563,005.84
		$563,005.84		$563,005.84
1904.	Jan. 1, To Balance	$563,005.84		
1905.	Re-arranging Apparatus	14,450.30	McKenzie Exhauster trsfd. to 42nd St. Sta. at $2,000	$4,000.00
	Tank and Holder	3,098.62	By Balance	576,554.76
		$580,554.76		$580,554.76
1906.	Jan. 1, To Balance	$576,554.76		
	Tank and Holder, 63rd St.	18,895.12	Re-arranging Apparatus, 63rd St.	$14,450.30
			2 Scotch Marine Boilers sold	4,890.65
			By Balance	576,108.93
		$595,449.88		$595,449.88

1907.	Jan. 1, To Balance	$576,108.93	New tank and holder sold	$21,993.74
			Holders and Valve House dismantled	155,195.63
			By Balance	398,919.56
		$576,108.93		$576,108.93
1908.	Jan. 1, To Balance	$398,919.56		
	Sewer for Holder No. 3	113.00		
	Coal Pocket	367.66	By Balance	$399,400.22
		$399,400.22		$399,400.22
1909.	Jan. 1, To Balance	$399,400.22		
	Coal Pocket, 63rd St.	1,180.41	By Balance	$400,580.63
		$400,580.63		$400,580.63
1910.	Jan. 1, To Balance	$400,580.63		
1910.	Jan. 1, To Balance	$400,580.63		
1911.	Water Filter	349.53	By Balance	$400,930.16
		$400,930.16		$400,930.16
1912.	Jan. 1, To Balance	$400,930.16		
	New Photometer Platform	77.35	By Balance	$401,007.51
		$401,007.51		$401,007.51
1913.	Jan. 1, To Balance	$401,007.51		
	New Platform over Photometer Room	3.33		
	General connections	132.00		
	Hand Rail on Street Wall	55.64	By Balance	$401,198.48
		$401,198.48		$401,198.48

1914.	Jan. 1, To Balance	$401,198.48			
1916.	Governor House Woven Wire Window Guards	6.00	By Balance		$401,204.48
		401,204.48			$401,204.48
1917.	Jan. 1, To Balance	$401,204.48			

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—65TH STREET STATION.

Detailed Statement of Construction since Consolidation.

Plant Account—10th & 11th Aves., 65th and 66th Streets.

1884.	Nov. 11, Rowland Appraisal	$387,448.00			
1886.	West Holder at 65th St	26,250.00	By Balance		$413,698.00
		$413,698.00			$413,698.00
1887.	Jan. 1, To Balance	$413,698.00			
	West Holder at 66th St	19,673.75	By Balance		$433,371.75
		$433,371.75			$433,371.75
1888.	Jan. 1, To Balance	$433,371.75			
	Exhauster conns	9,670.50			
	Valve, Boiler & Coke Hse	11,449.53			
	West Holder at 66th St	6,537.00			
	Sundries	152.99	By Balance		$461,181.77
		$461,181.77			$461,181.77
1889.	Jan. 1, To Balance	$461,181.77			
	Valve, Boiler & Coke Hse	4,246.10	By Balance		$465,427.87
		$465,427.87			$465,427.87

1891.	Jan. 1, To Balance	[illegible]			
	Sundries	98.88	By Balance		$465,526.75
		$465,526.75			$465,526.75
1892.	Jan. 1, To Balance	$465,526.75			
	Tank & Holder	71,050.11			
	Connecting Holders	745.61	By Balance		$537,322.47
		$537,322.47			$537,322.47
1893.	Jan. 1, to Balance	$537,322.47			
	Tank & Holder	279,315.61			
	Connections	1,245.00	By Balance		$817,883.08
		$817,883.08			$817,883.08
1894.	Jan. 1, To Balance	$817,883.08			
	Tank & Holder	50,704.31			
	Connections	3,461.00			
	Boiler	136.12			
	Sundries	805.81	By Balance		$872,991.31
		$872,991.31			$872,991.31
1895.	Jan. 1, To Balance	$872,991.31			
1899.	Tank & Holder	621.81	By Balance		$873,613.12
		$873,613.12			$873,613.12
1900.	Jan. 1, To Balance	$873,613.12			
	Tank & Holder	139,021.50	By Balance		$1,012,634.62
		$1,012,634.62			$1,012,634.62
1901.	Jan. 1, To Balance	$1,012,634.62			
	Conns. to Holder	327.74			
	Tank & Holder	157,148.29	By Balance		$1,170,110.65
		$1,170,110.65			$1,170,110.65

1902.	Jan. 1, To Balance	$1,170,110.65		
	Connections	12.00		
	Tank & Holder	3,932.14		
	Fence, 65th-66th St., West End Ave	581.47	By Balance	$1,174,636.26
		$1,174,636.26		$1,174,636.26
1903.	Jan. 1, To Balance	$1,174,636.26	Tank & Holder Material trsfd to 18th St. Sta.	$313.00
	Pipe Yard	1,938.54	By Balance	1,176,880.94
	2 Bridges	471.09		
	Photometer	130.99		
	Drip Tank	17.06		
		$1,177,193.94		$1,177,193.94
1904.	Jan. 1, To Balance	$1,176,880.94		
	Boiler foundation and shed	1,826.51		
	Guard for Large Tank	162.02		
	Coke Shed	330.91	By Balance	$1,179,200.38
		$1,179,200.38		$1,179,200.38
1905.	Jan. 1, To Balance	$1,179,200.38	Flanged fitting to 21st St. Sta	$265.65
	Boiler foundation shed	99.27	By Balance	1,180,271.10
	Coke Shed	*1.50		
	Retaining Wall	141.44		
	Preliminary Work	820.26		
	Valve House & Contents	118.35		
	Boiler House & Contents	158.55		
		$1,180,536.75		$1,180,536.75
1906.	Jan. 1, To Balance	$1,180,271.10		
	New Storm Door	55.19		
	Preliminary Work	227.01	By Balance	$1,180,553.30
		$1,180,553.30		$1,180,553.30

* In red ink on original.

1907.	Jan. 1, To Balance	$1,180,553.30		
	Installation of two new boilers	6,162.76		
		$1,186,716.06	By Balance	$1,186,716.06
				$1,186,716.06
1908.	Jan. 1, To Balance	$1,186,716.06		
	Iron Ladder for Holder No. 8	118.90	By Balance	$1,186,834.96
		$1,186,834.96		$1,186,834.96
1909.	Jan. 1, To Balance	$1,186,834.96		
1910.	Feed water heaters	342.91		
	General connections	744.43	By Balance	$1,187,922.30
		$1,187,922.30		$1,187,922.30
1911.	Jan. 1, To Balance	$1,187,922.30	General connections retired	$647.35
			By Balance	1,187,274.95
		$1,187,922.30		$1,187,922.30
1912.	Jan. 1, To Balance	$1,187,274.95		
	Boiler House Building	13,645.30		
	Contents	8,098.55		
	Stack	2,004.14		
	New Eng. & Exhauster	1,704.25		
	Gas Booster	34.07		
	" Connections	13.39		
	General Connections	756.83		
	Steel floor in Exhautser House	48.78		
	Gallery Rails No. 7 Holder	8.54		
	" " No. 8 "	4.10	By Balance	$1,213,592.90
		$1,213,592.90		$1,213,592.90

1913.	Jan. 1. To Balance	$1,213,592.90	Boilers No. 1, 2, 3 torn out		$2,280.00
	Governor House Contents:		Wainscott in Engine Room		2,000.00
	Preliminary	58.55	1" Water Meter No. 62249	*.	35.00
	Engine and Exhauster	9,000.88	2" Water Meter No. 200454		55.00
	Steel Floor	955.20	*Torn out.		
	Gas Booster	4,466.99			
	Boiler House Contents:				
	Piping	4,784.93			
	Pumps	124.79			
	Boilers	1,655.17			
	Plumbing	143.05			
	Feed water heater & supts	97.65			
	Forced darft blower	467.00			
	Galleries, stairs & rails	324.22			
	Install. Temperature Apparatus	12.75			
	Combustion Controllers	382.00			
	Boiler House Stack:				
	Stack and Breeching	122.77			
	Boiler House Building:				
	Preliminary	22.22			
	Roofing and Flashing	136.63			
	Foundations	189.45			
	Gutters	7.50			
	Forward	$1,236,544.65	*Forward*		$4,370.00
1913.	*Forward*	$1,236,544.65	*Forward*		$4,370.00
	Boiler House Building:				
	Masonry	1,030.39			
	Excavation	99.49			
	Windows and Doors	524.41			
	Ground floor paving	509.77			
	Steel work	277.97			
	Gallery Rails—No. 7 Holder	1,442.49			
	" " No. 8 "	1,462.81			
	General Connections	280.95			
	Hand Rail on Street Wall	173.58			
	2" Water Service	160.01			
	3" " "	420.52			
	3" Worthing W. Meter No. 449741	120.00	By Balance		1,238,677.04
		$1,243,047.04			$1,243,047.04

		$1,243,047.01		$1,243,047.01
1914	Jan. 1, To Balance	$1,238,927.04		
	Additional Guards on Flywheels	71.28		
	Guards on retaining walls	61.15		
	Governor House contents	7,271.56		
		$1,246,081.03		
1915.	Jan. 1, To Balance	$1,243,131.03		
	Governor House Contents:			
	Steel Floor	2,100.04		
	Plumbing	323.44		
	Gauge Board	654.11		
	Hand Rail on Street Wall	18.79		
	Carpentry Work	50.50		
	Painting	648.65		
	Gas and Electric Lighting	530.50		
	Gallery Stairs & Rails	282.62		
	Plastering	506.66		
	General Connections	163.47		
	Gas Booster Steam & Exh. Piping	69.14		
	Engine and Exhauster	164.50		
	Centrifugal Exhauster	972.79	By Balance	$1,249,616.24
		$1,249,616.24		$1,249,616.24
1916.	Jan. 1, To Balance	$1,249,616.24	Hoppes Steam Separator, retired	$225.00
	Governor House Contents:		Boiler House Contents, Piping (Transfer)	3,735.00
	Gauge Board	19.22	2 Scotch Marine Boilers with steel stacks retired	6,162.76
	Cent. Exh. Gas Conn	.28	By Balance	1,244,713.65
	Carpentry Work	.50		
	Gallery Stairs & Rails	935.46		
	Swartwout Steam Separator	322.32		
	Electric Lighting	18.29		
	Plumbing	12.63		
	Woven Wire Window Guards	136.47		
	Steam & Exh. Piping	1,235.20		
	General connections	560.25		
	Boiler House Contents:			
	Piping	1,979.55		
		$1,254,836.41		$1,254,836.41

McKenzie Exhauster transferred to 42nd St. Station	$2,450.00
Two wooden floors and stairs removed from Governor House	500.00
By Balance	1,243,131.03
	$1,246,081.03

1917.	Jan. 1, To Balance	$1,244,713.65	One 12x12 Vertical Rowland Engine	$900.00
	Woven Wire Window Guards	.47	By Balance	1,243,814.12
		$1,244,714.12		$1,244,714.12
1918.	Jan. 1, To Balance	$1,243,814.12	Original cost of the following apparatus retired:	
1918.	Jan. 1, To Balance	$1,243,814.12	6 Gas holder tanks	$228,000.00
			6 Gas holders	156,460.75
			Gas Holder Connections	6,000.00
			Engine House	2,950.00
			Engine, Exhauster and Accessories	4,675.00
			Connections	1,250.00
			Furniture & Tools	250.00
			Boiler Vault under 10th Ave. sidewalk	4,650.00
			Boiler Chimney & Conn.	4,065.00
			Gas, Steam & Water Piping, Hose, etc	450.00
			Wooden Bridge	150.00
			Wooden Fence	1,800.00
			Frame Building in Yard	1,800.00
			Conts. Building in Yard	1,500.00
			Photometer Room	300.00
			Frame Office & Furniture	150.00
			Brick Purifier House and foundation	12,000.00
			Scales & Railroad Car	258.00
			By Balance	817,105.37
		$1,243,814.12		$1,243,814.12
1919.	Jan. 1, To Balance	$817,105.37		

CONSOLIDATED GAS COMPANY OF N. Y.
PLANT ACCOUNT—22ND ST. STATION
Detailed Statement of Construction Since Consolidation

1884.	Nov. 11, Rowland Appraisal	$983,937.20	Trsfd. to Horses, Wagons and Harness	$1,790.00
1885.	Coal Platform	1,077.52		
	Alteration to Purifiers	1,235.09	By Balance	989,759.24
	Paving	1,353.10		
	Sundries	3,946.33		
		$991,549.24		$991,549.24
1886.	Jan. 1, To Balance	$989,759.24		
	5 Naphtha Tanks	5,440.55		
	1 Upright Boiler	150.00		
	Sundries	280.00	By Balance	$995,629.79
		$995,629.79		$995,629.79
1887.	Jan. 1, To Balance	$995,629.79		
	Railway and Cars	4,143.10	By Balance	$999,772.89
		$999,772.89		$999,772.89
1888.	Jan. 1, To Balance	$999,772.89		
	2 Boilers	4,194.99		
	Water Meter	110.00		
	Tar Tanks	254.95		
	5 Naphtha Tanks	907.20		
	Sundries	1,775.71	By Balance	$1,007,015.74
		$1,007,015.74		$1,007,015.74
1889.	Jan. 1, To Balance	$1,007,015.74		
	2 Boilers	51.54		
	Sundries	2,612.89	By Balance	$1,009,680.17
		$1,009,680.17		$1,009,680.17

1890.	Jan. 1, To Balance	$1,009,680.17		
	Sundries	161.69	By Balance	$1,009,841.86
		$1,009,841.86		$1,009,841.86
1891.	Jan. 1, To Balance	$1,009,841.86		
	1 Standard Exhauster trsfd from 21st St	6,000.00		
	Exhauster & Valve Hse	12,216.43		
	20" connections	338.27		
	Paving	363.00		
	Pressure recording gauge	75.00	By Balance	$1,028,834.56
		$1,028,834.56		$1,028,834.56
1892.	Jan. 1, To Balance	$1,028,834.56		
	Sewer	39.53	By Balance	$1,028,874.09
		$1,028,874.09		$1,028,874.09
1893.	Jan. 1, To Balance	$1,028,874.09		
	Air Condenser	11,075.66	By Balance	$1,039,949.75
		$1,039,949.75		$1,039,949.75
1894.	Jan. 1, To Balance	$1,039,949.75		
	60" Boiler for water heater	2,271.08	By Balance	$1,042,220.83
		$1,042,220.83		$1,042,220.83
1897.	Jan. 1, To Balance	$1,042,220.83		
	Oil Pipe Line	280.13		
	Sewer	27.15		
	Paving Yard	320.25	By Balance	$1,042,848.36
		$1,042,848.36		$1,042,848.36

1898	Jan. 1, To Balance	$1,042,848.35		
	Gasogenes No. 3 to No. 6	2,534.79		
	No. 12 Westinghouse Gas Meter	40.00		
		$1,045,423.15		$1,045,423.15
				$1,045,423.15
1899.	Jan. 1, To Balance	$1,045,423.15		
	Filter Press	1,044.66		
	Gas Oil Pipe for Benches	1,127.00		
	Brick Floor	45.00	By Balance	$1,047,648.21
	No. 5 Gasogene	8.40		
		$1,047,648.21		$1,047,648.21
1900.	Jan. 1, To Balance	$1,047,648.21		
	Salt Water Line	942.82	4 Beam Engs., 4 McKenzie Blowers, 2 McKenzie Exhausters, Contershafts, Pulleys and Blower conns. retired	$25,050.00
	Hydrogen Scrubber	1,208.82	One 2½" Water Meter retired	130.00
	Eng., Blower & Exhauster	8,787.74	Sundries	600.00
	Stm Line for pumping naphtha	513.18	By Balance	1,036,807.09
	Improvements Gasogenes No. 1, 2, 3 & 6	1,596.46		
	Standard connections	604.79		
	Hydrogen By-Pass	37.89		
	Gasogenes	1,247.18		
		$1,062,587.09		$1,062,587.09
1901.	Jan. 1, To Balance	$1,036,807.09	1 Tank 7'x10' retired	$1,500.00
	Eng., Blower & Exhauster	1.45	3 pcs. of Boiler Stack retired	65.00
	Improvements to Gasogenes No. 3 to No. 6	15.53	1 Station Meter retired	2,626.25
	Standard connections	3.99	By Balance	1,058,037.07
	Coal Chute	20.97		
	Meter Connections	6.26		
	3 Stokers	1,446.32		
	4 Boilers	17,426.71		
	Station meter from 111th St. Sta.	6,500.00		
		$1,062,228.32		$1,062,228.32

1902.	Jan. 1, To Balance	$1,058,037.07	Boiler & Parts retired	$250.00
	4 Boilers	260.77	Smoke-Stack and Roof Head retired	25.00
	3 Stokers	19.95	2 Tubular Boilers retired	200.00
	Alterations to Naphtha Tank	643.44	By Balance	1,060,571.45
	Fuel oil tank	35.00		
	Ammonia Tanks	208.96		
	Alterations to 30" Main	474.58		
	" to Drip Oil Tank	274.56		
	Connections	142.25		
	Tar Tank	497.88		
	Oil Line	451.99		
		$1,061,046.45		$1,061,046.45
1903.	Jan. 1, To Balance	$1,060,571.45	Six 16" Rowland Gate Valves retired	$200.04
	Oil Line	78.55	By Balance	1,061,874.23
	Alto. to Drip Tanks	55.00		
	Scale House	56.03		
	Air Line to Benches	974.05		
	Filter Press House	33.60		
	Drip Oil Tank	14.00		
	Filter Press	241.59		
	Boiler Parts	50.00		
		$1,062,074.27		$1,062,074.27
1904.	Jan. 1, To Balance	$1,061,874.23	Six Gasogenes retired	$46,525.00
	Air line to benches	85.00	1 Air compressor retired	750.00
	Filter press	.31	Storage Shed Demolished	100.00
	Water at boiler	140.00	By Balance	1,106,778.44
	Gas Generating App., viz: Preliminary Work	1,127.58		
	Gas Generating Apparatus	64,393.67		
	Blast Machinery	2,568.49		
	Condensers	7,650.41		
	Hot Scrubbers	1,426.41		
	General conns.	4,412.39		
	Pumps & immediate conns.	447.76		
	Tar Drainage System	5,762.79		
	Sundry, Labor & Mat'l	4,264.40		
		$1,154,153.44		$1,154,153.44

1905.	Jan. 1, To Balance	$1,106,778.44	One 4x5 Upright Eng. retired	$100.00
	Gas Generating App.	122.84	By Balance	1,107,179.28
	Wiring in Condenser and Purifier Houses	378.00		
		$1,107,279.28		$1,107,279.28
1906.	Jan. 1, To Balance	$1,107,179.28		
1906.	Jan. 1, To Balance	$1,107,179.28		
	Additional Iron Door and Window	150.00		
	Salt water condenser	132.28		
	New wire screens on windows	22.18	By Balance	$1,107,483.74
		$1,107,483.74		$1,107,483.74
1907.	Jan. 1, To Balance	$1,107,483.74	Three boilers sold	$3,319.95
	Miscellaneous	6.00	One Johnson Filter press sold	840.00
	New Photometer Room	68.95	3 Gauges transferred	90.00
			By Balance	$1,103,308.74
		$1,107,558.69		$1,107,558.69
1908.	Jan. 1, To Balance	$1,103,308.74		
	New 500 H. P. Water Heater and conns.	708.50		
	New revivifying apparatus	195.57	By Balance	$1,104,212.81
		$1,104,212.81		$1,104,212.81

1909.	Jan. 1, To Balance	$1,104,212.81		Old air condenser dismantled	$11,075.66
	New revivifying apparatus	425.13		Cost of dismantling	23.58
	New nebulizer	400.00		By Balance	1,105,213.21
	Stop valves on boilers	468.71			
	New salt water pump	788.57			
	New condensers and conns.				
	Preliminary Work	188.70			
	Excavation & Foundation	1,159.12			
	Condenser Connections	599.64			
	Tar Piping	250.95			
	Salt Water Piping	563.27			
	Temperature Controlling Apparatus	165.09			
	Condenser	7,066.88			
	Tearing out old air condenser	23.58			
		$1,116,312.45			$1,116,312.45
1910.	Jan. 1, To Balance	$1,105,213.21			
	New Condenser and connections:				
	Temperature Controlling Apparatus	172.83			
	Recording Steam Gauge for Generators	70.49			
	Waste Heat Boiler	2,792.15			
	New Salt Water Line	1,466.34		By Balance	$1,109,715.02
		$1,109,715.02			$1,109,715.02
1911.	Jan. 1, To Balance	$1,109,715.02		Original cost of tar tank "Q" dismantled	$497.88
	Waste Heat Boiler	40.42		By Balance	1,115,205.98
	Williamson Mechanical Grates	2,800.29			
	Altering New Hydraulic Line	251.98			
	Tar Storage Tank No. 1	1,926.91			
	Carpenter Shop	174.11			
	Shower Bath	38.07			
	Pyrometers	262.93			
	High Pressure blower foundation	494.13			
		$1,115,703.86			$1,115,703.86
1912.	Jan. 1, To Balance	$1,115,205.98		Two 9" x 9" Greenfield Exhaust Engines—dismantled	$900.00

1912.	Jan. 1, To Balance	$1,115,205.98	500 H.P. Berryman F. W. Heater, dismantled.	708.50
	Two 16" Turb. Boil. Blowers	412.64	750 H.P. Berryman F. W. Heater, dismantled.	700.00
	Exh. Steam Conns. to Gens.	3,204.56	By Balance	1,137,772.42
	Pyrometers	128.02		
	Fence at 99th St. End of Marginal Street	94.10		
	Davidson S. W. Pump No. 2	750.72		
	High Pressure blower	3,024.61		
	Power hack saw	54.16		
	P. & A. Tar Extractor	2,195.42		
	16" Proportional Sta. Meter	1,542.10		
	" " Sta. Meter Conns.	992.41		
	Four Dust Collectors	2,315.33		
	Coal Handling Apparatus	5,982.62		
	Steel Floor in Engine Room	1,486.78		
	Hoppes Feed Water Heater	719.80		
	Two 12" Greenfield Exh. Engs.	1,815.74		
	Steam Jets in Generators	130.93		
	Mosher Steam Separator	25.00		
		$1,140,080.92		$1,140,080.92
1913.	Jan. 1, To Balance	$1,137,772.42	Wainscotting in Engine Room torn out	$2,000.00
	Two 12" Greenfield Exh. Engs.	276.46	By Balance	1,145,198.87
	Hoppes Feed Water Heater	85.71		
	Four Dust Collectors	249.09		
	Steel Floor in Engine Room	572.09		
	Coal Handling Apparatus	1.20		
	Exh. Steam Conns. to Gen.	211.63		
	Fireproofing Engine Room	1,439.62		
	8" Mosher Steam Separator on P. & A. Tar Extractor	206.27		
	Metal Ceiling in Engine Room	118.25		
	Combustion Controllers	683.16		
	Davidson Circulating Pump	489.57		
	P. & A. Tar Extract.—Tar Drains	22.26		
	Davidson Feed Water Pump	485.52		
	High Pressure Blower	566.52		
	Wash & Locker House	4,019.10		
		$1,147,198.87		$1,147,198.87

1914.	Jan. 1, To Balance	$1,145,198.87			
	Wash & Locker House Contents—Fixtures	27.80			
	Under Grate Blower for No. 10 Boiler	143.65			
	Coal Handling Apparatus Tracks	1,987.93			
	Roof over Coal Shed Scales	50.04			
	Roots Exhauster	2,987.54			
		$1,150,395.83			$1,150,395.83
1915.	Jan. 1, To Balance	$1,147,795.83	Guide Frame No. 3 Holder retired	$8,000.00	
	Roots Exhauster	27.26	Water Meter retired	200.00	
	3" Thompson Water Meter	190.35	By Balance	1,140,529.88	
	Cameron Hydraulic Elev. Pump	716.44			
		$1,148,729.88			$1,148,729.88
1916.	Jan. 1, To Balance	$1,140,529.88	Coal Handling Apparatus retired	$300.00	
	Locomotive Crane Boiler	645.03	Two 16" Turbnie Blowers retired	206.32	
	¾" Water Service	88.72	Guild & Garrison Steam Pump retired	60.00	
	3" Water Service	436.93	Steel Stack (Boiler House)	100.00	
	Undergrate Blower No. 4	189.94	By Balance	1,141,282.04	
	Governor House Woven Wire Window Guards	57.86			
		$1,141,948.36			$1,141,948.36
1917.	Jan. 1, To Balance	$1,141,282.04	Bulkhead Fence retired	$185.00	
1917.	Jan. 1, To Balance	$1,141,282.04	8" Cast Iron Sewer, 98th and 99th Sts., retired	195.00	
	Worthington Boil. Feed Pump	730.56	By Balance	1,152,620.03	
	Carburettor & Blast Valves Reg.	212.23			
	Pyrometer No. 4	105.38			
	Shaving Scrubbers	9,194.72			
	Bulkhead Fence	674.10			
	10" Sewer 98th & 99th Sts.	801.00			
		$1,153,000.03			$1,153,000.03

1918.	Jan. 1, To Balance	$1,152,620.03	24x20" Reducer and Pipe retired	$50.09
	Shaving Scrubbers	4,692.50	By Balance	1,158,402.97
	Electric wiring in coal sheds	1,140.44		
		$1,158,452.97		$1,158,452.97
1919.	Jan. 1, To Balance	$1,158,402.97		

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—111TH ST. STATION

Detailed Statement of Construction Since Consolidation

1884.	Nov. 11, Rowland Appraisal	$806,000.00	Transferred to Horses, Wagons & Harness	$5,000.00
1885.	Sundries	47.50	By Balance	801,047.50
		$806,047.50		$806,047.50
1886.	Jan. 1, To Balance	$801,047.50		
1887.	Sundries	295.40	By Balance	$801,342.90
		$801,342.90		$801,342.90
1888.	Jan. 1, To Balance	801,342.90		
	Rews. Patent Apparatus	21,492.53		
	Sundries	200.00	Pipe & Specials	$1,249.30
		$823,035.43	By Balance	821,786.13
				$823,035.43
1889.	Jan. 1, To Balance	$821,786.13		
	Water Tower & Tank	6,443.15		
	Rews. Patent Apparatus	1,949.33		
	Excl. Scrubber Conns.	4,459.81		
	Sundries	1,311.77	By Balance	$835,950.19
		$835,950.19		$835,950.19

1890.	Jan. 1, To Balance	$835,950.19
	Excelsior Scrubber	4,794.47
	Sundries	35.37
		$840,780.03
1891.	Jan. 1, To Balance	$840,780.03
	3 Upr. Tubular Boilers	5,260.00
	2 Pressure Gauges	175.00
	Sundries	20.00
		$846,235.03
1892. 1896.	Jan. 1, To Balance	$846,020.42
		$846,020.42
1897.	Jan. 1, To Balance	$842,520.42
1900.	Office Building	3,672.48
		$846,192.90
1901.	Jan. 1, To Balance	$616,711.40
	Weigh House	901.71
	Standard conns.	1,365.51
	Clearing up for Tank & Holder	11,985.64

	By Balance	$840,780.03
		$840,780.03
	Pipe & Specials	$214.61
	By Balance	846,020.42
		$846,235.03
	Oil Gas Meter trsfd. to 21st St. Sta.	$3,500.00
	Balance	842,520.42
		$846,020.42
	Coal Gas Plant Condemned by the City of New York	$165,346.50
	and abandoned	42,600.00
	Little Italy Park	21,535.00
	By Balance	616,711.40
		$846,192.90
	Connections retired	$121.32
	C. I. Scrap Mat'l retired	5,829.29
	1 Station Meter to 99th St.	6,500.00
	1 Cameron Pump retired	200.00
	4 Gas Holders retired	234,049.39
	Meter House demolished	7,000.00
	2 Boiler Houses demolished	3,000.00
	2 Govnr. Houses demolished	15,000.00
	Dwelling demolished	3,000.00
	150' of Brick Wall demolished	1,500.00
	1,000' of Fence demolished	1,000.00

	Tanks & Holders Fndations	87,325.68		
	2 Tanks and Holders	179,366.58	By Balance	620,456.52
		$897,656.52		$897,656.52
1902.	Jan. 1, To Balance	$620,456.52		
	3 Boilers	4,539.36		
	2 Tanks & Holders	245,309.73		
	Clearing up for Tanks & Holders	3,780.14		
	2 Tanks & Holders Fndations	3,450.66		
	Engine & Exhauster House	35,631.72		
	Exhauster Hse. Conns	1,442.69		
	Boiler House	1,231.06	By Balance	$915,841.88
		$915,841.88		$915,841.88
1903.	Jan. 1, To Balance	$915,841.88		
	Eng. & Exhauster	2,328.41	4 Centrifugal Pump Engines	$395.00
	" " " House	6,027.55	By Balance	1,044,312.97
	Exhauster Hse. conns	263.08		
	3 New Boilers	695.95		
	Boiler House	4,912.29		
	Drip Oil Tank	91.58		
	2 Tanks and Holders	114,547.23		
		$1,044,707.97		$1,044,707.97
1904.	Jan. 1, To Balance	$1,044,312.97		
	4" Drip water line to sewer	151.20		
	Engine and Exhauster	85.88		
	Tank & Holder Foundation	*97.61	By Balance	$1,044,452.44
		$1,044,452.44		$1,044,452.44

* In red ink on original.

1905	Jan. 1, To Balance	$1,044,452.44		
	Tank & Holder Foundation	*52.72		
	Extension to Blacksmith Shop	36.99		
	Blake pump from 42nd St.	130.00		
		$1,044,566.71	By Balance	$1,044,566.71
				$1,044,566.71
1906.	Jan. 1, To Balance	$1,044,566.71		
	New Photometer Room	92.34		
	New Holder Levels	13.17	By Balance	$1,044,672.22
		$1,044,672.22		$1,044,672.22
1907.	Jan. 1, To Balance	$1,044,672.22	3 Wright Tubular Boilers sold	$5,260.00
	2 New Valves on overflow pipe from Holder	16.55	By Balance	1,044,075.63
	Remodelling Blacksmith Shop	2,109.41		
	New Coke Storage Yard	2,226.19		
	New 3" Water Connections to Boiler	246.56		
	Coke Handling Apparatus:			
	Coke Conveyer	17.05		
	Storage Platform	47.65		
		$1,049,335.63		$1,049,335.63
1908.	Jan. 1, To Balance	$1,044,075.63	Transfer to Real Estate Coke Storage Yard	$1,066.01
	New 3" Connection to boiler	12.00	By Balance	1,062,224.74
	New fence on dock	230.60		
	Stable extension—Old Retort House	1,229.48		
	New Coke Storage Yard	388.35		
	Coke Handling Apparatus:			
	Conveyer	8,652.97		
	Storage Platform	8,701.72		
		$1,063,290.75		$1,063,290.75
1909.	Jan. 1, To Balance	$1,062,224.74	Old generator house dismantled	$39,000.00
	Stable extension in Old Retort House	28.99	Old Oil Tank—dismantled	12,000.00

			$1,062,653.48		$1,062,653.48
1910.	Jan. 1, To Balance		$1,011,653.48		
1910.	Jan. 1, To Balance		$1,011,653.48		
	New Stable Bldg. and Contents				
	Building		91.03		
	General connections		16,248.34		
	Governor House conns		2,301.50		
	Emergency Wagon House		71.70		
	Wagon Shed		2,626.55		
	Coke Handling Apparatus, Screens and chutes		3,254.46		
	Coke Conveyor-Stairways		82.66		
			21.25		
			$1,036,350.97	By Balance	$1,036,350.97
					$1,036,350.97
1911.	Jan. 1, To Balance		$1,036,350.97	Original cost of building and apparatus demolished Old retort house "N"	$27,500
	Coke Handling Apparatus:			Less—Foundations and gable walls left standing	10,000 $17,500.00
	Screens and chutes		91.23		
	Coke conveyor-trestle		57.02		
	Stable:				
	Building		20,871.69		
	Contents		3,561.64	Benches in Retort House N	23,441.86
	Emergency Wagon House:			Cast Iron Condenser H	3,850.00
	Buildings		1,326.23	Frame Carpenter Shop O	470.00
	Contents		541.30	Temporary Stable	750.00
	Wagon Shed		633.80	Shed M	1,500.00
	Paving 111th St. Yard		1,156.82	By Balance	1,021,066.93
	110th St. Weigh House Bldg.:				
	Foundations		611.68		
	Masonry		754.77		
	Windows and doors		258.41		
	Plumbing		556.45		
	Interior Iron Work		404.14		
	Scale Pit		141.30		
	Moving Scale Platform		710.01		
	Miscellaneous		536.37		
	General connections		14.96		
			$1,068,578.79		$1,068,578.79

1912.	Jan. 1, To Balance	$1,021,066.93	Wooden fence around Pipe Storage Yard—demolished	$1,060.00
	Stable—Building	199.05	Office Bldg., 111th St. and 1st Ave., and property sold to Standard Gas Light Co.	8,500.00
	Contents	847.58	300 ft. of Brick Fence, 110th St., 1st Ave. and 111th St. on property sold to Standard Company	3,000.00
	Fence around Coal Storage Yard	2,273.69	By Balance	1,020,144.11
	110th St. Weigh House	360.14		
	One 16" Turb. Boil. Blower	261.52		
	Two 36" Exh. Outlet Valves	642.33		
	Filter Plant	3,982.52		
	General connections	1,603.96		
	Blacksmith Shop	1,455.96		
	Fence from Wagon Shed to Street Wall	36.14		
	Electric Lights and wiring in Valve House Cellar.	34.29		
		$1,032,704.11		$1,032,704.11
1913	Jan. 1, To Balance	$1,020,144.11		
	Electric Lights and wiring in Valve House Cellar.	30.04		
	Blacksmith Shop	215.56		
	New Gauge Boards	9.29		
	Ventilators—Stable	314.76		
	Combustion Controllers	266.20		
	Coal Hdlg. Apparatus—Guards around Hopper and Belt	33.24		
	Fence—Coke Bagg. enclosure	151.95		
	New Stable—Building	190.34		
	Contents	490.35		
	Steam Heating	752.69		
	Coke Ticket Sales Office	123.15		
		$1,022,721.68	By Balance	$1,022,721.68
				$1,022,721.68
1914.	Jan. 1, To Balance	$1,022,721.68	Stable Buildings retired	$4,500.00
	Coke screening plant	52,710.42	Coke Handling Apparatus	9,292.32
	New Garage	8,509.53	By Balance	1,071,059.68
	General connections	321.74		
	Toilet and Drain in Street Dept. Yard	101.31		
	Paving St. Dept. Yd. N. W. cor. 111th St., 1st Ave.	301.23		
	111th Street Stable Steam Heating	1.60		
	34" Water Conn. to Dock	88.27		

	Coke Ticket Sales Office	94.23		
	Fence around coke bagging enclosure	1.99		
		$1,084,852.00		$1,084,852.00
1915.	Jan. 1, To Balance	$1,071,059.68	Stable Building Contents—retired	$459.00
	Coke screening plant	4,951.62	Wooden floor in Blacksmith Shop—retired	125.00
	Coke screening machinery	4,978.60	By Balance	1,082,235.74
	110th Street Garage	883.84		
	Coke Ticket Sales Office	12.82		
	111th Street Garage	100.19		
	Blacksmith Shop	617.05		
	Photometer Room	116.84		
	¾" Water Service	99.10		
		$1,082,819.74		$1,082,819.74
1916.	Jan. 1, To Balance	$1,082,235.74		
	Photometer Room	29.54		
	110th Street Garage	121.77		
	Coke Screening Plant:			
	Roofing and Siding	5.77		
	Gas Lighting	2.08		
	Exhauster House Woven Wire Window Guards	219.28		
	Coke Office	121.49		
		$1,082,735.67	By Balance	$1,082,735.67
				$1,082,735.67
1917.	Jan. 1, To Balance	$1,082,735.67		
	Coke Office	2,431.57		
	Boiler House Stack	965.02		
		$1,086,132.26	By Balance	$1,086,132.26
				$1,086,132.26
1918.	Jan. 1, To Balance	$1,086,132.26	Boiler Stack dismantled	$570.00
	Boiler House Stack	300.00	By Balance	1,085,862.26
		$1,086,432.26		$1,086,432.26
1919.	Jan. 1, To Balance	$1,085,862.26		

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—132ND ST. STATION

Detailed Statement of Construction Since Consolidation

1905.	Preliminary Work	$909.24			
	Tank and Holder	254,486.92			
	Boiler House and Contents	13,677.92			
	Valve House and Contents	3,704.39	By Balance		$272,838.47
		$272,838.47			$272,838.47
1906.	Jan. 1, To Balance	$272,838.47			
	Preliminary Work	620.98			
	New tank and holder	109,495.23			
	Boiler House & Contents	18,698.26			
	Valve House & Contents	40,092.69	By Balance		$441,745.63
		$441,745.63			$441,745.63
1907.	Jan. 1, To Balance	$441,745.63	Boiler House and Contents		$952.39
	New Work:		By Balance		443,287.37
	Preliminary	51.54			
	Tank and Holder	710.02			
	Valve House & Contents	1,732.57			
		$444,239.76			$444,239.76
1908.	Jan. 1, To Balance	$443,287.37			
	New heating system for heating water around tank	62.65			
	Tank and Holder	460.27			
	Valve House & Contents	104.94	By Balance		$443,915.23
		$443,915.23			$443,915.23

1909.	Jan. 1, To Balance	$443,915.23		
	Tank and Holder	181.83		
	General Connections	3,476.21	By Balance	$447,573.27
		$447,573.27		$447,573.27
1910.	Jan. 1, To Balance	$447,573.27		
	General Connections	56.42	By Balance	$447,629.69
		$447,629.69		$447,629.69
1911.	Jan. 1, To Balance	$447,629.69		
	General Connections	307.28		
	36" Valve at Holder Outlet	1,679.23		
	Extension to 132d st.			
	Valve House and Contents:			
	Supts. and Inspectors	210.00		
	Engines	2,485.52		
	Building foundations	1,177.89		
	Miscellaneous	533.32		
	Exhausters	2,075.22		
	Connections	4,503.96		
	Building	3,326.28		
	Plumbing & Gas Fitting	192.52		
	Steam Piping	59.39	By Balance	$464,180.30
		$464,180.30		$464,180.30
1912.	Jan. 1, To Balance	$464,180.30		
	Extension to Valve House and Contents	7,330.81		
	Forced Draft Blower	524.14		
	Auxiliary Water Conns.	8.29		
	Ext, to Coal Storage Bin	439.16	By Balance	$472,482.70
		$472,482.70		$472,482.70

1913.	Jan. 1. To Balance	$472,482.70	Old fence N. S. 132 St., torn out	$123.00
	New Fence.		By Balance	473,547.29
	Fence	834.59		
	Rubble Wall	93.00		
	Combustion Controllers	260.00		
		$473,670.29		$473,670.29
1914.	Jan. 1. To Balance	$473,547.29		
1914.	Jan. 1. To Balance	$473,547.29	Extension to 132nd St. Valve House Building	$425.00
	Sewer from Governor House	640.85	By Balance	473,763.14
		$474,188.14		$474,188.14
1915.	Jan. 1. To Balance	$473,763.14		
1916.	Governor House Woven Wire Window Guards	116.57		
	Safety Guards for Boilers	31.22		
	Fence	.60	By Balance	$473,911.53
		$473,911.53		$473,911.53
1917.	Jan. 1. To Balance	$473,911.53	Steam line retired	$270.00
	24" Governor	1,631.95	By Balance	475,881.24
	Steam Line to Holder	607.76		
		$476,151.24		$476,151.24
1918.	Jan. 1. To Balance	$475,881.24		
	Fence	15.50	By Balance	$475,896.74
		$475,896.74		$475,896.74
1919.	Jan. 1. To Balance	$475,896.74		

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—INWOOD STATION

Detailed Statement of Construction Since Consolidation

Plant Account—Inwood

1884.	Nov. 11, Rowland Appraisal	$20,000.00			
1889.	Exhauster Eng. and Boiler House	2,790.93	By Balance	$22,790.93	
		$22,790.93			$22,790.93
1890.	Jan. 1, To Balance	$22,790.93			
	Exhauster Eng. & Boiler House	1,502.97			
	Valve Head	650.00	By Balance	$24,943.90	
		$24,943.90			$24,943.90
1891.	Jan. 1, To Balance	$24,943.90	Holder tank and frame demolished	$8,000.00	
1892.	Holder	5,582.16	By Balance	26,317.81	
	Brick Work, Tank	2,916.75			
	Filling in around Holder	875.00			
		$34,317.81			$34,317.81
1893.	Jan. 1, To Balance	$26,317.81			
	Holder	4,300.00	By Balance	$30,617.81	
		$30,617.81			$30,617.81
1894.	Jan. 1, To Balance	$30,617.81			
1901.	Connections	597.84			
	Governor	160.00	By Balance	$31,375.65	
		$31,375.65			$31,375.65

1912.	Jan. 1, To Balance	$31,375.65			
	Connections	63.17	By	Balance	$31,438.82
		$31,438.82			$31,438.82
1913.	Jan. 1, To Balance	31,438.82			
1909.	Add. Valve Hse Conns	848.77	By	Balance	$32,287.59
		$32,287.59			$32,287.59
1907.	Jan. 1, To Balance	$32,287.59			
	Add. Valve Hse. Conns	5.63	By	Balance	$32,293.22
		$32,293.22			$32,293.22
1909.	Jan. 1, To Balance	$32,293.22			
	Genl. Conns.—Gas Pip.	212.29	By	Balance	$32,505.51
		$32,505.51			$32,505.51
1910.	Jan. 1, To Balance	$32,505.51			
	Genl. Conns.—Gas Pip.	99.24	By	Balance	$32,604.75
		$32,604.75			$32,604.75
1912.	Jan. 1, To Balance	$32,604.75			
	Automatic Water Regulator and Low Water Alarm	46.64	By	Balance	$32,651.39
		$32,651.39			$32,651.39
1913.	Jan. 1, To Balance	$32,651.39			

CONSOLIDATED GAS COMPANY OF NEW YORK.
PLANT ACCOUNT—KINGSBRIDGE ROAD PROPERTY—HOLDER No. 2
HARLEM RIVER TERRACE AND FORDHAM ROAD
Detailed Statement of Construction Since Consolidation

1910.	Preliminary Expenses	$8,636.67	Preliminary Expenses charged to Renewal & Contingency Account	$3,503.74
	Excavation and Backfill	43,147.44	By Balance	275,258.89
	Foundation	34,230.62		
	Test Borings	2,160.83		
	Steel Tank & Holder	186,958.08		
	Water	166.75		
	Retaining Wall	54.00		
	Inspections in Mill & Shop	2,762.93		
	Governor and Boiler House Contents—General Conns.	612.71		
	Valveman's Dwelling	32.60		
		$278,762.63		$278,762.63
1911.	Jan. 1, To Balance	$275,258.89		
	Holder:			
	Preliminary Work	3,641.59		
	Excavation & Backfill	20,487.35		
	Foundation	14,057.64		
	Steel Tank & Holder	266,897.43		
	Retaining Wall	8,230.74		
	Inspection of Steel Work:			
	In Mill and Shop	992.57		
	In Field	1,341.38		
	Water	2,839.82		
	Cup Heating	1,609.70		
	Governor and Boiler House and Contents:			
	Excavation	6,718.83		
	Foundation	14,486.46		
	Building	30,926.93		
	Boilers	8,250.00		
	Feed Water Heater and Pump	563.00		

CHARLES D. NEWTON ET AL., ETC. 17267

1911.	General Connections	41,556.80		
	Engine	9,779.72		
	Exhauster	7,617.07	By Balance	$715,053.92
		$715,053.92		$715,053.92
1912.	Jan. 1, To Balance	$715,053.92		
	Holder			
	Preliminary	4,704.22		
	Steel Tank and Holder	66,561.40		
	Cup Heating	4,198.81		
	Foundation	9,157.53		
	Inspection of Steel Work in Field	620.00		
	Water	220.52		
	Excavation and Backfill	1,159.37		
	Oil Skimmer	2,165.83		
..	Governor, Boiler House and Contents.			
	Building	44,275.03		
	General Connections	26,155.85		
	Engines	1,125.13		
	Foundations	3,018.70		
	Exhausters	2,258.27		
	Stack breeching	146.30		
	Forward	$880,823.08		
1912.	*Forward*	$880,823.08		
	Governor, Boiler House and Contents:			
	Waterproof, Found. Walls	716.77		
	Boilers	6,538.69		
	Steam Piping	5,960.17		
	Gas and Water Piping	549.46		
	Feed Water Heater & Pump	81.71		
	Excavation	724.27	By Balance	$895,432.15
		$895,432.15		$895,432.15

1913.	Jan. 1, To Balance	$895,452.13		
	Holder:			
	Water	44.41		
	Steel Tank and Holder	335.55		
	Foundations	100.00		
	Fence	32.24		
	Retaining Wall	148.81		
	Cup Heating	135.35		
	Governor, Boiler House and Contents:			
	Building	7,149.36		
	General Connections	112.16		
	Gas and Water Piping	11.00		
	Steam Piping	12.90		
	Gauge Boards	2,097.87		
	Combustion Controllers	386.00	By Balance	$905,987.80
		$905,987.80		$905,987.80
1914.	Jan. 1, To Balance	$905,987.80		
	Governor & Boiler House Contents	392.10	By Balance	$906,379.90
		$906,379.90		$906,379.90
1915.	Jan. 1, To Balance	$906,379.90		
	Oil Skimmer	70.93		
	3" Water Service	420.17	By Balance	$906,871.00
		$906,871.00		$906,871.00
1916.	Jan. 1, To Balance	$906,871.00		
	3" Water Service	433.07		
	Spring Water System	52.31		
	Governor House Woven Wire Window Guards	4.09		
	Boiler House Drain to Sewer	114.77	By Balance	$907,475.24
		$907,475.24		$907,475.24

1917.	Jan. 1, To Balance	$907,475.24		
	Safety Guards on Boilers	37.95		
	Boiler House Drain to Sewer	1.45		
	Governor House Window Guards	1,221.78		
	Governor House Photo. Room	261.24		
	Gas Booster	103.52	By Balance	$909,101.18
		$909,101.18		$909,101.18
1918.	Jan. 1, To Balance	$909,101.18		
	Unclimbable Fence	1,697.93		
	Gas Booster and conns.	1,499.93	By Balance	$912,299.04
		$912,299.04		$912,299.04
1919.	Jan. 1, To Balance	$912,299.04		

CONSOLIDATED GAS COMPANY OF NEW YORK

PLANT ACCOUNT—EAST 132ND STREET TESTING STATION

Detailed Statement of Construction Since Consolidation

1916.		$7,450.00	By Balance	$7,450.00
1917.	Jan. 1, To Balance	$7,450.00		

CONSOLIDATED GAS COMPANY OF N. Y.

PLANT ACCOUNT—ENGINEERING AND SUPERINTENDENCE

Detailed Statement of Construction Since Consolidation

Plant Account—Engineering and Superintendence

1898.	Dec. 31, Telephone wires in 30" Main	$9,681.82		
1899.	Dec. 31, Telephone wires in 30" Main	5,758.38	By Balance	$15,440.20
		$15,440.20		$15,440.20

[illegible]	Jan. 1, To Balance	$15,440.20		
	Telephone wires in 4" Main	271.82		
		$15,712.02	By Balance	$15,712.02
				$15,712.02
1891.	Jan. 1, To Balance	$15,712.02		
	Telephone wires in 30" Main	6,709.18	By Balance	$22,421.20
		$22,421.20		$22,421.20
1892.	Jan. 1, To Balance	$22,421.20		
	Telephone wires in 30" Main	4,735.20	By Balance	$27,156.40
		$27,156.40		$27,156.40
1893.	Jan. 1, To Balance	$27,156.40		
	Telephone wires in 30" Main	17.50	By Balance	$27,173.90
		$27,173.90		$27,173.90
1894.	Jan. 1, To Balance	$27,173.90		
	Telephone wires in 30" Main	3,587.80	By Balance	$30,761.70
		$30,761.70		$30,761.70
1895.	Jan. 1, To Balance	$30,761.70		
1899.	Telephone wires in 30" Main	278.40	By Balance	$31,040.10
		$31,040.10		$31,040.10
1900.	Jan. 1, To Balance	$31,040.10		
	Telephone wires in 30" Main	2,109.91	By Balance	$33,150.01
		$33,150.01		$33,150.01
1901.	Jan. 1, To Balance	$33,150.01		
	Engineers & Draughtsmen	3,653.28		
	Telephone wires in 30" Main	1,011.62	By Balance	$37,814.91
		$37,814.91		$37,814.91

1902.	Jan. 1, To Balance	$37,814.91		
	Engineers & Draughtsmen	4,421.03		
	Telephone wires in 39" Main	194.38		
		$42,430.32	By Balance	$42,430.32
				$42,430.32
1903.	Jan. 1, To Balance	$42,430.32		
	Engineers & Draughtsmen	6,987.78		
	Telephone wires in 39" Main	6.62	By Balance	$49,424.72
		$49,424.72		$49,424.72
1904.	Jan. 1, To Balance	$49,424.72		
	Engineers & Draughtsmen	7,363.61		
	Sundries	693.68	By Balance	$57,482.01
		$57,482.01		$57,482.01
1905.	Jan. 1, To Balance	$57,482.01		
	Engineers & Draughtsmen	13,807.98	By Balance	$71,289.99
		$71,289.99		$71,289.99
1906.	Jan. 1, To Balance	$71,289.99	By Balance	$84,554.81
	Engineers & Draughtsmen	13,264.82		
		$84,554.81		$84,554.81
1907.	Jan. 1, To Balance	$84,554.81		
	Engineers & Draughtsmen	13,094.06	By Balance	$97,648.87
		$97,648.87		$97,648.87
1908.	Jan. 1, To Balance	$97,648.87		
	Engineers & Draughtsmen	15,211.07	By Balance	$112,859.94
		$112,859.94		$112,859.94
1909.	Jan. 1, To Balance	$112,859.94		

	Engineers	20,092.76		
	Draughtsmen	6,237.91		
	Signal Wire	18.75		
		$139,118.46	By Balance	$139,118.46
				$139,118.46
1910.	Jan. 1, To Balance	$139,118.46		
1910.	Jan. 1, To Balance	$139,118.46		
	Engineers	21,160.47		
	Draughtsmen	7,194.85	By Balance	$167,473.78
		$167,473.78		$167,473.78
1911.	Jan. 1, To Balance	$167,473.78		
	Engineers	27,772.08		
	Draughtsmen	9,467.68	By Balance	$204,713.54
		$204,713.54		$204,713.54
1912.	Jan. 1, To Balance	$204,713.54		
	Engineers	27,385.96		
	Draughting	10,777.98		
	New Main Records	7,098.26	By Balance	$249,975.74
		$249,975.74		$249,975.74
1913.	Jan. 1, To Balance	$249,975.74		
	Engineers	31,169.42		
	Draughting	7,566.09		
	New Main Records	4,418.17	By Balance	$293,129.33
		$293,129.33		$293,129.33
1914.	Jan. 1, To Balance	$293,129.33		
	Engineers	32,854.94		
	Draughting	11,808.09		
	New Main Records	658.00	Blue Prints transferred	$182.10
			By Balance	338,268.26
		$338,450.36		$338,450.36

1915.	Jan. 1, To Balance	$338,268.26		
	Engineers	29,412.03		
	Draughting	13,473.92		
	New Main Records	148.32		
	Blue Prints	64.68	By Balance	$381,367.21
		$381,367.21		$381,367.21
1916.	Jan. 1, To Balance	$381,367.21		
	Engineers	35,904.22	Engineers, transferred	$122,573.42
	Draughting	91.27	Drafting, transferred	246.00
	Blue Prints	7,540.17	Blue-Prints, transferred	41,180.34
			By Balance	260,903.11
		$424,902.87		$424,902.87
1917.	Jan. 1, To Balance	$260,903.11		
	Engineers	37,681.77	Engineers, etc., transferred	$16,153.72
	Blue Prints	*731.42	By Balance	293,144.51
	Draughting	9,673.22		
	Appropriation to Employees	1,771.55		
		$309,298.23		$309,298.23
1918.	Jan. 1, To Balance	$293,144.51		
	Engineers	40,090.28	Engineers, etc., transferred	$20,968.46
	Blue Prints	31.23	By Balance	323,907.59
	Draughting	11,444.58		
	Miscellaneous	165.45		
		$344,876.05		$344,876.05
1919.	Jan. 1, To Balance	$323,907.59		

* In red ink on original.

COMPLAINANT'S EXHIBIT 473

SCHEDULE C

CONSOLIDATED GAS COMPANY OF NEW YORK

Detailed Statement of the Cost of the Company's Street Mains and Services to and Including December 31, 1918

CONSOLIDATED GAS COMPANY OF NEW YORK

STREET MAINS FROM DATE OF CONSOLIDATION TO DECEMBER 31, 1918

CONSOLIDATED GAS COMPANY OF NEW YORK

INVESTMENT IN STREET MAINS

Mains Acquired at Consolidation—November 11th, 1884

Size	Feet	Total	Cost
1½"	1,583		
2"	42,508		
3"	837,377		
4"	893,251		
5"	7,719		
6"	1,117,707		
8"	304,439.8"		
10"	68,802		
12"	219,222		
16"	84,842		
18"	29,693		
20"	96,969		
24"	24,269		
30"	22,685	3,751,066.8"	$5,233,962.10

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
Nov. 11/84						
Dec. 31/85	2"	....	16,535	*16,535		
	3"	1,740	5,048	*3,308		
	4"	6,437	6,956	*519		
	5"	....	54	*54		
	6"	40,399	5,797	34,602		
	8"	8,119.6"	....	8,119.6"		
	10"	532	....	532		
	12"	1,563	11	1,552		
	16"	1	....	1		
	20"	3,979	36	3,943		
		62,770.6"	34,437	28,333.6"	.....	91,777 79
		Balance December 31, 1885			3,779,400.2"	$5,325,739.89
1886	2"	100	180	*80		
	3"	380	2,616	*2,236		
	4"	2,426	5,519	*3,093		
	6"	31,272	1,654	29,618		
	8"	15,056	....	15,056		
	10"	240	....	240		
	12"	3,010	....	3,010		
	18"	7	....	7		
	20"	4,123.6"	....	4,123.6"		
	30"	203	....	203		
		56,817.6"	9,969	46,848.6"	.....	64,911.57
		Balance December 31, 1886			3,826,248.8"	$5,390,651.46

*In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1887	3"	224	4,209	*3,985		
	4"	3,649.6"	6,081	*2,431.6"		
	6"	45,987	4,065	41,922		
	8"	7,912.6"	46	7,866.6"		
	12"	9,079.6"	404	8,675.6"		
	20"	9,777	....	9,777		
	24"	3,088	....	3,088		
		79,717.6"	14,805	64,912.6"	.....	125,591.58
		Balance December 31, 1887.....			3,891,161.2"	$5,516,243.04
1888	2"	....	80	*80		
	3"	130	6,218	*6,088		
	4"	4,359.6"	7,985	*3,625.6"		
	6"	43,401.4"	3,095.6"	40,305.10"		
	8"	11,788	271	11,517		
	12"	7,976	9	7,967		
	20"	1,637.4"	1,497	140.4"		
	24"	30.1"	....	30.1"		
	30"	24,047.1"	....	24,047.1"		
		93,369.4"	19,155.6"	74,213.10"	.....	253,630.89
		Balance December 31, 1888.....			3,965,375	$5,769,873.93
Balance December 31, 1888—*Carried Forward*.....					3,965,375	$5,769,873.93

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Adjustment to to Book Balance	Net Increase	Total	Cost
1889	1½"	....	176	....	*176		
	2"	....	1,213	....	*1,213		
	3"	753	17,233	....	*16,480		
	4"	3,843	9,638.6"	*8	*5,803.6"		
	6"	95,800.6"	15,723	*1,044	79,033.6"		
	8"	13,015	347	4	12,672		
	10"	22	42	....	*20		
	12"	8,855	694	*794	7,367		
	16"	....	12	....	*12		
		122,288.6"	45,078.6"	*1,842	75,368	.....	208,130.04
		Balance December 31, 1889.....				4,040,743	$5,978,003.97
1890	2"	....	30	....	*30		
	3"	188	30,123	10	*29,925		
	4"	7,003	25,105	80.5"	*18,021.7"		
	6"	81,181.4"	20,882	1,468.2"	61,767.6"		
	8"	19,656	567	83	19,172		
	10"	32	42	....	*10		
	12"	17,334	179	794	17,949		
	20"	4,673	1,539	20	3,154		
	24"	1,774	....	....	1,774		
		131,841.4"	78,467	2,455.7"	55,829.11"	.....	109,807.72
		Balance December 31, 1890.....				4,096,572.11"	$6,087,811.69

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1891	3″	185	27,985.7″	*27,800.7″		
	4″	6,354	28,533.5″	*22,179.5″		
	6″	86,211.11″	25,326.6″	60,885.5″		
	8″	15,326.7″	10,998	4,328.7″		
	10″	1,648	17	1,631		
	12″	8,193.7″	2,467	5,726.7″		
	16″	....	378	*378		
	20″	29,830.6″	4,518	25,312.6″		
	24″	837	....	837		
	30″	14,014	....	14,014		
		162,600.7″	100,223.6″	62,377.1″	.....	243,144.44
		Balance December 31, 1891			4,158,950	$6,330,956.13
1892	3″	....	53,895	*53,895		
	4″	5,699	14,241	*8,542		
	5″	....	1,001	*1,001		
	6″	82,996	3,771	79,225		
	8″	24,539	2,410	22,129		
	12″	5,329	....	5,329		
	20″	5,415	180	5,235		
	30″	24,939	....	24,939		
		148,917	75,498	73,419	.....	224,750.00
		Balance December 31, 1892			4,232,369	$6,555,706.13
1893	2″	....	541	*541		
	3″	....	42,228	*42,228		
	4″	5,444	47,976	*42,532		
	5″	....	383	*383		
	6″	92,468	2,206	90,262		
	8″	14,686	3,023	11,663		
	12″	16,786	....	16,786		
	16″	21	238	*217		
	30″	228	....	228		
		129,633	96,595	33,038	.....	70,126.40
		Balance December 31, 1893			4,265,407	$6,625,832.53
Balance December 31, 1893—Carried Forward					4,265,407	$6,625,832.53
1894	2″	....	1,822	*1,822		
	3″	3,305	32,567	*29,262		
	4″	10,962	14,590	*3,628		
	5″	....	216	*216		
	6″	61,493	7,788	53,705		
	8″	15,949	3,185	12,764		
	12″	9,413	....	9,413		
	16″	8,096	....	8,096		
	30″	13,691	....	13,691		
		122,909	60,168	62,741		174,074.45
		Balance December 31, 1894			4,328,148	$6,799,906.98

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1895	3"	....	73,166	*73,166		
	4"	4,283	11,526	*7,243		
	6"	99,264	1,276	97,988		
	8"	15,997	100	15,897		
	12"	7,534	....	7,534		
		127,078	86,068	41,010		55,946.78
		Balance December 31, 1895			4,369,158	$6,855,853.76
1896	2"	....	190	*190		
	3"	....	57,564	*57,564		
	4"	2,522	23,067	*20,545		
	6"	102,677	4,034	98,643		
	8"	17,354	....	17,354		
	12"	1,804	....	1,804		
		124,357	84,855	39,502		52,253.33
		Balance December 31, 1896			4,408,660	$6,908,107.09
1897	3"	13,182	21,768	*8,586		
	4"	1,443	11,326	*9,883		
	5"	....	78	*78		
	6"	65,000	7,743	57,257		
	8"	3,525	....	3,525		
	10"	167	....	167		
	12"	1,680	....	1,680		
	16"	....	37	*37		
	20"	1,505	....	1,505		
		86,502	40,952	45,550		30,882.48
		Balance December 31, 1897			4,454,210	$6,938,989.57
1898	2"	955	....	955		
	3"	....	56,029	*56,029		
	4"	3,272	8,763	*5,491		
	6"	93,987	595	93,392		
	8"	11,418	76	11,342		
	12"	1,581	....	1,581		
	18"	....	67	*67		
	20"	67	....	67		
	30"	12,955	....	12,955		
		124,235	65,530	58,705		130,858.66
		Balance December 31, 1898			4512,915	$7,069,848.23
1899	3"	....	17,628	*17,628		
	4"	230	2,247	*2,017		
	6"	22,298	6,548	15,750		
	8"	8,469	28	8,441		
	12"	334	....	334		
	20"	133	....	133		
	24"	....	187	*187		
	30"	6,762	....	6,762		
		38,226	26,638	11,588		57,334.15
		Balance December 31, 1899			4,524,503	$7,127,182.38
Balance December 31, 1899—Carried Forward					4,524,503	$7,127,182.38

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1900	3"	....	1,096	*1,096		
	4"	187	1,049	*862		
	6"	6,249	2,778	3,471		
	8"	15,762	39	15,723		
	20"	1,210	56	1,154		
	24"	3,349	....	3,349		
	30"	14,533	....	14,533		
		41,290	5,018	36,272		192,817.93
		Balance December 31, 1900			4,560,775	$7,320,000.31
1901	3"	....	2,260	*2,260		
	4"	....	725	*725		
	6"	4,125	315	3,810		
	8"	5,586	....	5,586		
	12"	107	2,503	*2,396		
	20"	19,950	....	19,950		
	24"	6,524	....	6,524		
	30"	6,197	....	6,197		
		42,489	5,803	36,686		296,545.25
		Balance December 31, 1901			4,597,461	$7,616,545.56
1902	3"	....	5,111	*5,111		
	4"	135	14,080	*13,945		
	5"	....	85	*85		
	6"	14,450	3,211	11,239		
	8"	886	540	346		
	12"	752	98	654		
	20"	293	232	61		
	24"	600	....	600		
	30"	1,467	15,236	*13,769		
	36"	3,192	....	3,192		
		21,775	38,593	*16,818		*299,073.14
		Balance December 31, 1902			4,580,643	$7,317,472.42
1903	3"	....	4,043	*4,043		
	4"	359	19,349	*18,990		
	6"	34,922	8,609	26,313		
	8"	486	50	436		
	12"	2,829	182	2,647		
	16"	4,020	....	4,020		
	20"	7,420	....	7,420		
	24"	44	....	44		
	30"	19	....	19		
		50,099	32,233	17,866		170,072.00
		Balance December 31, 1903			4,598,509	$7,487,544.42

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1904	3"	....	2,350	*2,350		
	4"	....	6,566	*6,566		
	6"	14,931	3,273	11,658		
	8"	6,842	....	6,842		
	12"	....	142	*142		
	20"	....	11	*11		
	30"	5,200	....	5,209		
	36"	19,050	....	19,050		
		46,032	12,342	33,690		252,223.2
		Balance December 31, 1904			4,632,199	$7,739,768.15
Balance December 31, 1904—Carried Forward					4,632,199	$7,739,768.15
1905	2"	....	18,732	*18,732		
	3"	....	227,795	*227,795		
	4"	236	190,954	*190,718		
	5"	....	3,103	*3,103		
	6"	26,316	2,850	23,466		
	8"	15,532	....	15,532		
	10"	....	56	*56		
	12"	4,843	....	4,843		
	16"	3,204	....	3,204		
	20"	....	130	*130		
	24"	5,628	....	5,628		
	30"	....	130	*130		
	36"	2,277.5"	....	2,277.5"		
	48"	1,772.7"	....	1,772.7"		
		59,809	443,750	*383,941		*241,242.60
		Balance December 31, 1905			4,248,258	$7,498,526.15
1906	1¼"	....	....	....		
	2"	94	....	94		
	3"	166	7,199	*7,033		
	4"	189	10,549	*10,360		
	5"	....	47	*47		
	6"	12,413	2,122	10,291		
	8"	15,516	52	15,464		
	10"	....	....	....		
	12"	4,578	....	4,578		
	16"	980	....	980		
	18"	....	....	....		
	20"	....	....	....		
	24"	....	258	*258		
	30"	307	5,393	*5,086		
	36"	492	19,008	*18,516		
	48"	468	....	468		
		35,203	44,628	*9,425		*3,769.96
		Balance December 31, 1906			4,238,833	$7,494,756.19

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1907	1½"	....	....	....		
	2"	....	....	....		
	3"	....	6,409	*6,409		
	4"	1,211.8"	7,338	*6,126.4"		
	5"	....	27	*27		
	6"	9,209	1,435	7,774		
	8"	3,761	37	3,724		
	10"	....	127	*127		
	12"	9,477.6"	....	9,477.6"		
	16"	947	4,231	*3,284		
	18"	....	....	....		
	20"	86.10"	....	86.10"		
	24"	142.11"	5,628	*5,485.1"		
	30"	8,663	....	8,663		
	36"	3,688.7"	....	3,688.7"		
	48"	71.10"	....	71.10"		
		37,259.4"	25,232	12,027.4"		287,583.16
		Balance December 31, 1907.....			4,250,860.4"	$7,782,339.35
Balance December 31, 1907—*Carried Forward*.....					4,250,860.4"	$7,782,339.35
1908	1½"	....	....	....		
	2"	....	....	....		
	3"	....	5,989.8"	*5,989.8"		
	4"	488.8"	10,047	*9,558.4"		
	5"	....	....	....		
	6"	19,852	15,380	4,472		
	8"	14,571.4"	479	14,092.4"		
	10"	5	3,042	*3,037		
	12"	4,336	....	4,336		
	16"	2,976.4"	30	2,946.4"		
	18"	....	....	....		
	20"	48.8"	152.4"	*103.8"		
	24"	364	....	364		
	30"	584.5"	29	555.5"		
	36"	....	....	....		
	48"	....	....	....		
		43,226.5"	35,149	8,077.5"		11,297.81
		Balance December 31, 1908.....			4,258,937.9"	$7,793,637.16
1909	1½"	....	161	*161		
	2"	....	....	....		
	3"	141	12,989	*12,848		
	4"	982.3"	16,668.3"	*15,686		
	5"	....	399	*399		
	6"	36,284.2"	11,909.4"	24,374.10"		
	8"	13,581	1,125	12,456		
	10"	60.8"	2,043.8"	*1,983		
	12"	6,774	1,795	4,979		
	16"	2,519.10"	1,472.10"	1,047		
	18"	....	154	*154		
	20"	....	270	*270		
	24"	35	506.11"	*471.11"		
	30"	518	875.11"	*357.11"		
	36"	224	1,381.8"	*1,157.8"		
	48"	4,833	....	4,833		
		65,952.11"	51,751.7"	14,201.4"		225,808.82
		Balance December 31, 1909.....			4,273,139.1"	$8,019,445.98

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1910	1½″	....	....	....		
	2″	....	....	....		
	3″	....	5,801	*5,801		
	4″	346	8,713.6″	*8,367.6″		
	5″	....	113	*113		
	6″	11,614.6″	6,888	4,726.6″		
	8″	11,646	501	11,145		
	10″	....	1,617	*1,617		
	12″	5,049	1,518	3,531		
	16″	....	....	....		
	18″	....	....	....		
	20″	20	45	*25		
	24″	2,330	35	2,295		
	30″	23,744	...	23,744		
	36″	20,088	....	20,088		
	48″	8,916	....	8,916		
		83,753.6″	25,231.6″	58,522		1,099,996.42
			Balance December 31, 1910.....		4,331,661.1″	$9,119,442.40
Balance December 31, 1910—*Carried Forward*.....					4,331,661.1″	$9,119,442.40
1911	1½″	....	....	....		
	2″	....	....	....		
	3″	651	6,464	*5,813		
	4″	18	18,499.6″	*18,481.6″		
	5″	....	233	*233		
	6″	16,160.6″	3,372	12,788.6″		
	8″	24,865	4,495	20,370		
	10″	....	33	*33		
	12″	3,330	....	3,330		
	16″	2,070	454	1,616		
	18″	....	....	....		
	20″	....	44	*44		
	24″	10	2,330	*2,320		
	30″	2,805	52	2,753		
	36″	1,598.6″	....	1,598.6″		
	48″	24,054.4″	792	23,262.4″		
		75,562.4″	36,768.6″	38,793.10″		546,226.58
			Balance December 31, 1911.....		4,370,454.11″	$9,665,668.98
1912	1½″	....	....	....		
	2″	....	....	....		
	3″	....	5,661.6″	*5,661.6″		
	4″	81	31,728	*31,647		
	5″	....	....	....		
	6″	22,538.6″	2,010.6″	20,528		
	8″	14,032	285	13,747		
	10″	....	....	....		
	12″	3,457	388	3,069		
	16″	....	....	....		
	18″	....	....	....		
	20″	20,549.7″	....	20,549.7″		
	24″	....	....	....		
	30″	....	....	....		
	36″	113.6″	....	113.6″		
	48″	31,166.3″	12	31,154.3″		
		91,937.10″	40,085	51,852.10″		959,931.08
			Balance December 31, 1912.....		4,422,307.9″	$10,625,600.06

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1913	1½"	....	....	....		
	2"	392	....	392		
	3"	647	2,350	*1,703		
	4"	568.6"	5,685.6"	*5,117		
	5"	....	....	....		
	6"	13,107.10"	7,347.2"	5,760.8"		
	8"	14,200.2"	4,912.6"	9,287.8"		
	10"	118	1,105	*987		
	12"	3,252.6"	1,474	1,778.6"		
	16"	260	....	260		
	18"	....	....	....		
	20"	6,954	259	6,695		
	24"	471	4	467		
	30"	2,120.4"	52	2,068.4"		
	36"	4	....	4		
	48"	....	....	....		
		42,095.4"	23,189.2"	18,906.2"		188,745.64
		Balance December 31, 1913			4,441,213.11"	$10,814,345.70
Balance December 31, 1913—Carried Forward					4,441,213.11"	$10,814,345.70
1914	1½"	....	....	....		
	2"	....	....	....		
	3"	....	1,254.9"	*1,254.9"		
	4"	248	11,456	*11,208		
	5"	....	....	....		
	6"	6,688.3"	1,612.10"	5,075.5"		
	8"	7,462	1,929.9"	5,532.3"		
	10"	....	....	....		
	12"	188.8"	243.2"	*54.6"		
	16"	....	3.3"	*3.3"		
	18"	....	....	....		
	20"	21	....	21		
	24"	....	5.6"	*5.6"		
	30"	....	....	....		
	36"	....	....	....		
	48"	....	....	....		
		14,607.11"	16,705.3"	*1,897.4"		27,771.64
		Balance December 31, 1914			4,439,316.7"	$10,842,117.34
1915	1½"	....	....	....		
	2"	....	....	....		
	3"	14	6,804.6"	*6,790.6"		
	4"	1,041.2"	11,528.7"	*10,487.5"		
	5"	....	....	....		
	6"	14,628.6"	3,264.7"	11,363.11"		
	8"	6,148.3"	2,164.2"	3,984.1"		
	10"	680.1"	680.1"	....		
	12"	2,595.1"	451.10"	2,143.3"		
	16"	94.5"	55	39.5"		
	18"	140.3"	....	140.3"		
	20"	63	265	*202		
	24"	134	25	109		
	30"	1,575	267.5"	1,307.7"		
	36"	....	....	....		
	48"	35.10"	17.6"	18.4"		
		27,149.7"	25,523.8"	1,625.11"		75,565.35
		Balance December 31, 1915			4,440,942.6"	$10,917,682.69

*In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1916	1½"	....	....	....		
	2"	....	84.10"	*84.10"		
	3"	....	3,522.6"	*3,522.6"		
	4"	1,012.8"	2,696.11"	*1,684.3"		
	5"	....	....	....		
	6"	7,959.9"	3,332.5"	4,627.4"		
	8"	2,311.3"	911	1,400.3"		
	10"	48.1"	48.1"	....		
	12"	1,060.11"	520.8"	540.3"		
	16"	41.2"	41.2"	....		
	18"	....	....	....		
	20"	2,699.9"	367.9"	2,332		
	24"	265	35	230		
	30"	89.9"	41.9"	48		
	36"	....	....	....		
	48"	65.2"	58.7"	6.7"		
		15,553.6"	11,660.8"	3,892.10"		43,130.52
		Balance December 31, 1916			4,444,835.4"	$10,960,813.21
Balance December 31, 1916—Carried Forward					4,444,835.4"	$10,960,813.21
1917	1½"	....	....	....		
	2"	....	....	....		
	3"	....	711	*711		
	4"	21.9"	773.4"	*751.7"		
	5"	....	....	....		
	6"	2,190.9"	1,189.11"	1,000.10"		
	8"	2,678.2"	282.6"	2,395.8"		
	10"	....	26.2"	*26.2"		
	12"	297.2"	168.9"	128.5"		
	16"	425.10"	....	425.10"		
	18"	....	....	....		
	20"	77.11"	167.2"	*89.3"		
	24"	....	....	....		
	30"	....	347.1"	*347.1"		
	36"	....	....	....		
	48"	....	....	....		
		5,691.7"	3,665.11"	2,025.8"		25,278.67
		Balance December 31, 1917			4,446,861	$10,973,091.88

* In red ink on original.

Year	Size	Feet of Mains Laid	Mains Taken up or Abandoned	Net Increase	Total	Cost
1918	1½"	....	....	....		
	2"	....	167	*167		
	3"	....	147.6"	*147.6"		
	4"	14.6"	3,776.2"	*3,761.8"		
	5"	....	....	....		
	6"	3,409.4"	583.1"	2,826.3"		
	8"	554.5"	42.6"	511.11"		
	10"	....	....	....		
	12"	10,682.10"	....	10,682.10"		
	16"	90.5"	....	90.5"		
	18"	....	....	....		
	20"	....	6.6"	*6.6"		
	24"	....	....	....		
	30"	....	411.3"	*411.3"		
	36"	....	....	....		
	48"	....	....	....		
		14,751.6"	5,134	9,617.6"		41,174.36
		Balance December 31, 1918....			4,456,478.6"	$11,027,266.24

Mains as of December 31st, 1918

Size	Feet	Total	Cost
1½"	1,246		
2"	4,474.2"		
3"	102,857.0"		
4"	372,653.11"		
5"	1,980		
6"	2,247,629.6"		
8"	644,861.5"		
10"	63,475.10"		
12"	379,055.4"		
16"	103,636.9"		
18"	29,619.3"		
20"	207,881.4"		
24"	40,746.7"		
30"	164,520.2"		
36"	30,338.4"		
48"	70,502.11"		
		4,456,478.6"	$11,027,266.24

*In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK

SERVICES

From Date of Consolidation to December 31, 1910

INVESTMENT IN SERVICES

Year	Services Laid	Services Taken up or Abandoned	Net Increase	Total	Cost
Services Acquired at Consolidation—Nov. 11th, 1884..				90,299	$1,034,241.43
Nov. 11/84 to Dec. 31/85	8,201	443	7,758	.....	53,223.09
	Balance December 31, 1885			98,057	$1,087,464.43
1886	4,618	2,138	2,480	.....	46,999.73
	Balance December 31, 1886			100,537	$1,134,464.16
1887	5,038	2,079	2,959	.....	40,143.14
	Balance December 31, 1887			103,496	$1,174,607.30
1888	4,068	2,253	1,815	.....	28,293.52
	Balance December 31, 1888			105,311	$1,202,900.82
1889	4,444	3,101	1,343	.....	36,170.42
	Balance December 31, 1889			106,654	$1,239,071.23
1890	6,184	4,801	1,383	.....	43,766.23
	Balance December 31, 1890			108,037	$1,282,837.46
1891	6,200	6,516	*316	.....	37,738.81
	Balance December 31, 1891			107,721	$1,320,576.30
1892	4,877	11,758	*6,881	.....	*83,729.05
	Balance December 31, 1892			100,840	$1,236,847.25
1893	4,056	4,095	*39	.....	8,784.85
	Balance December 31, 1893			100,801	$1,245,632.10
1894	3,617	2,697	920	.....	11,122.79
	Balance December 31, 1894			101,721	$1,256,754.89
1895	3,821	2,845	976	.....	18,090.22
	Balance December 31, 1895			102,697	$1,274,845.11
1896	3,658	3,171	487	.....	12,609.88
	Balance December 31, 1896			103,184	$1,287,454.99
1897	4,445	4,305	140	.....	18,503.35
	Balance December 31, 1897			103,324	$1,305,958.34
1898	5,535	5,107	428	.....	*53.49
	Balance December 31, 1898			103,752	$1,305,904.85
1899	4,034	3,116	918	.....	28,591.12
	Balance December 31, 1899			104,670	$1,334,495.97
1900	1,788	2,110	*322	.....	9,665.59
	Balance December 31, 1900			104,348	$1,344,161.55
1901	1,046	3,401	*2,355	.....	*10,312.37
	Balance December 31, 1901			101,993	$1,333,849.18

* In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK

Continued

Year	Services Laid	Services Taken up or Abandoned	Net Increase	Total	Cost
1902	1,863	6,143	*4,280	.....	*35,803.15
	Balance December 31, 1902			97,713	$1,298,046.03
1903	1,278	7,252	*5,974	.....	*61,501.27
	Balance December 31, 1903			91,739	$1,236,544.76
1904	1,415	4,469	*3,054	.....	*14,712.93
	Balance December 31, 1904			88,685	$1,221,831.83
1905	2,745	4,921	*2,176	.....	396.54
	Balance December 31, 1905			86,509	$1,222,228.37
1906	2,667	3,754	*1,087	.....	15,111.17
	Balance December 31, 1906			85,422	$1,237,339.54
1907	2,678	4,027	*1,349	.....	53,820.72
	Balance December 31, 1907			84,073	$1,291,160.26
1908	3,667	5,746	*2,079	.....	*15,426.85
	Balance December 31, 1908			81,994	$1,275,733.41
1909	2,862	4,947	*2,085	.....	*4,407.58
	Balance December 31, 1909			79,909	$1,271,325.83
1910	2,680	4,896	*2,216	.....	*4,011.35
	Balance December 31, 1910			77,693	$1,267,314.48
1911	3,198	5,403	*2,205	.....	*8,121.64
	Balance December 31, 1911			75,488	$1,259,192.84
1912	4,081	6,624	*2,543	.....	*275.21
	Balance December 31, 1912			72,945	$1,258,917.63
1913	3,187	4,674	*1,487	.....	*8,158.87
	Balance December 31, 1913			71,458	$1,250,758.76
1914	1,429	2,245	*816	.....	*31,785.87
	Balance December 31, 1914			70,642	$1,218,972.89
1915	1,111	2,051	*940	.....	572.35
	Balance December 31, 1915			69,702	$1,219,545.24
1916	1,127	2,140	*1,013	.....	1,695.49
	Balance December 31, 1916			68,689	$1,221,240.73
1917	697	946	*249	.....	13,491.10
	Balance December 31, 1917			68,440	$1,234,731.83
1918	1,076	1,531	*455	.....	37,509.91
	Balance December 31, 1918			67,985	$1,272,241.74

*In red ink on original.

COMPLAINANT'S EXHIBIT 474.

SCHEDULE D.

CONSOLIDATED GAS COMPANY OF NEW YORK

Detailed statement of the cost of the company's meters, cocks and connections, furniture and fixtures, horses, wagons and harness, tools and implements, scows, gas appliances rented, automobiles and accessories, to and including December 31, 1918.

CONSOLIDATED GAS COMPANY OF NEW YORK

Book value of meters and miscellaneous including meters, cocks and connections, furniture and fixtures, horses, wagons and harness, tools and implements, scows, gas appliance rented, automobiles and accessories, from date of consolidation to December 31, 1918.

CONSOLIDATED GAS COMPANY OF NEW YORK

BOOK VALUE OF METERS AND MISCELLANEOUS

	Meters.	Cocks and Connections.	Furniture & Fixtures.	Horses, Wagons, Etc	Tools and Implements.	Scows.	Gas Appliances Rented.	Autos and Accessories.	Total.
Nov. 11, 1884	1,231,753.98	11,926.53	70,000.00	1,115.00	3,273.70	.....	.....	.....	1,318,069.21
1885.....	*180,000.47(a)	217,980.58	*11,310.71(b)	26,030.00	4,807.51	.....	.....	.....	57,500.91
Dec. 31, 1885	1,051,747.51	229,907.11	58,689.29	27,145.00	8,081.21	.....	.....	.....	1,375,570.12
1886.....	53,695.23	23,092.34	*13,461.25	882.50	1,481.89	.....	.....	.....	65,690.71
Dec. 31, 1886	1,105,442.74	252,999.45	45,228.04	28,027.50	9,563.10	.....	.....	.....	1,441,260.83
1887.....	85,769.94	26,198.74	75.50	744.50	3,286.47	.....	.....	.....	116,075.15
Dec. 31, 1887	1,191,212.68	279,198.19	45,303.54	28,772.00	12,849.57	.....	.....	.....	1,557,335.98
1888.....	73,168.45	19,985.11	383.50	1,264.50	2,607.75	.....	.....	.....	97,409.31
Dec. 31, 1888	1,264,381.13	299,183.30	45,687.04	30,036.50	15,457.32	.....	.....	.....	1,654,745.29
1889.....	67,276.45	14,928.90	427.50	1,765.00	2,182.40	.....	.....	.....	86,580.25
Dec. 31, 1889	1,331,657.58	314,112.20	46,114.54	31,801.50	17,639.72	.....	.....	.....	1,741,325.54
1890.....	61,144.75	16,777.80	447.50	3,473.63	6,273.21	.....	.....	.....	88,116.89
Dec. 31, 1890	1,392,802.33	330,890.00	46,562.04	35,275.13	23,912.93	.....	.....	.....	1,829,442.43
1891.....	48,342.30	19,028.96	693.95	5,225.50	3,919.17	.....	.....	.....	77,209.88
Dec. 31, 1891	1,441,144.63	349,918.96	47,255.99	40,500.63	27,832.10	.....	.....	.....	1,906,652.31
1892.....	59,270.20	17,296.97	1,282.70	2,893.50	3,164.88	.....	.....	.....	83,908.25
Dec. 31, 1892	1,500,414.83	367,215.93	48,538.69	43,394.13	30,996.98	.....	.....	.....	1,990,560.56
1893.....	44,052.25	21,132.42	9,074.11	1,709.70	1,372.99	.....	.....	.....	77,341.47

* In red ink on original.

Dec. 31, 1893	1,544,467.08	388,348.35	57,612.80	45,103.83	32,369.97	.....	.....	.....	2,067,902.03
1894.....	54,854.55	16,731.42	591.55	200.00	2,532.68	.....	20,671.95	.....	95,582.15
Dec. 31, 1894	1,599,321.63	405,079.77	58,204.35	45,303.83	34,902.65	.....	20,671.95	.....	2,163,484.18
1895.....	100,756.96	24,281.00	640.75	288.00	8,825.52	.....	24,678.20	.....	159,470.43
Dec. 31, 1895	1,700,078.59	429,360.77	58,845.10	45,591.83	43,728.17	.....	45,350.15	.....	2,322,954.61
1896.....	90,878.21	648.46	*8,845.10	*7,733.58	4,478.91	.....	9,107.43	.....	88,534.33
Dec. 31, 1896	1,790,956.80	430,009.23	50,000.00	37,858.25	48,207.08	.....	54,457.58	.....	2,411,488.94
1897.....	102,291.65	*11,146.57	1,121.56	*5,433.83	*6,636.28	.....	5,977.38	.....	86,173.91
Dec. 31, 1897	1,893,248.45	418,862.66	51,121.56	32,424.42	41,570.80	.....	60,434.96	.....	2,497,662.85
1898.....	204,626.39	*21,217.07	*9,529.38	*5,116.64	*662.34	.....	62,455.36	.....	230,556.32
Dec. 31, 1898	2,097,874.84	397,645.59	41,592.18	27,307.78	40,908.46	.....	122,890.32	.....	2,728,219.17
1899.....	202,828.10	4,110.63	*7,019.11	*4,670.88	3,723.69	.....	116,626.96	.....	315,599.39
Dec. 31, 1899	2,300,702.94	401,756.22	34,573.07	22,636.90	44,632.15	.....	239,517.28	.....	3,043,818.56
1900.....	178,256.65	*15,641.92	*955.60	*3,084.18	3,055.45	.....	32,901.45	.....	194,531.85
Dec. 31, 1900	2,478,959.59	386,114.30	33,617.47	19,552.72	47,687.60	.....	272,418.73	.....	3,238,350.41
1901.....	90,294.75	*28,551.75	*4,803.38	*846.54	*2,363.03	18,940.65	*65,176.95	.....	7,493.75
Dec. 31, 1901	2,569,254.34	357,562.55	28,814.09	18,706.18	45,324.57	18,940.65	207,241.78	.....	3,245,844.16
1902.....	104,097.47	*23,928.14	*1,807.57	3,269.96	*1,952.66	5,396.21	19,902.33	.....	104,977.60
Dec. 31, 1902	2,673,351.81	333,634.41	27,006.52	21,976.14	43,371.91	24,336.86	227,144.11	.....	3,350,821.76
1903.....	82,058.26	*22,900.15	*1,646.61	580.99	5,603.34	*2,318.91	*2,703.12	.....	58,613.80
Dec. 31, 1903	2,755,410.07	310,734.26	25,359.91	22,557.13	48,975.25	22,017.95	224,380.99	.....	3,409,435.56
1904.....	76,264.47	*15,241.72	8,114.01	1,074.90	647.59	*2,201.80	*11,651.63	.....	57,005.82
Dec. 31, 1904	2,831,674.54	295,492.54	33,473.92	23,632.03	49,622.84	19,816.15	212,729.36	.....	3,466,441.38
1905.....	145,874.84	*11,354.50	*875.63	*2,277.55	*1,291.36	*990.81	44,117.49	6,281.23	179,483.71
Dec. 31, 1905	$2,977,549.38	$284,138.04	$32,598.29	$21,354.48	$48,331.48	$18,825.34	$256,846.85	$6,281.23	$3,645,925.09

(a) Includes $202,639.57 transferred from Meter Account as of Dec. 31, 1885.
(b) Includes $24,722.00 transferred from Plant Account as of Dec. 31, 1885.
* In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK

Book Value of Meters and Miscellaneous

	Meters.	Cocks and Connections.	Furniture & Fixtures.	Horses, Wagons, Etc.	Tools and Implements	Scows.	Gas Appliances Rented.	Autos and Accessories.	Total.
Dec. 31, 1905	$2,977,549.38	$284,138.04	$32,598.29	$21,354.48	$48,331.48	$18,825.34	$256,846.85	$6,281.23	$3,645,925.09
1906.....	194,154.64	3,829.30	2,698.38	*1,300.42	7,894.12	*1,066.67	113,635.49	1,253.79	321,098.63
Dec. 31, 1906	3,171,704.02	287,967.34	35,296.67	20,054.06	56,225.60	17,758.67	370,482.34	7,535.02	3,967,023.72
1907.....	111,540.21	13,979.47	3,769.09	1,659.41	19,671.89	*887.93	61,844.78	12,319.75	223,896.67
Dec. 31, 1907	3,283,244.23	301,946.81	39,065.76	21,713.47	75,897.49	16,870.74	432,327.12	19,854.77	4,190,920.39
1908.....	88,083.89	*16,103.18	*75.71	629.52	4,411.73	*843.54	*4,676.85	496.55	71,922.41
Dec. 31, 1908	3,371,328.12	285,843.63	38,990.05	22,342.99	80,309.22	16,027.20	427,650.27	20,351.32	4,262,842.80
1909.....	50,075.06	472.54	17,967.76	1,463.71	4,539.42	.....	163,010.87	9,009.67	246,539.03
Dec. 31, 1909	3,421,403.18	286,316.17	56,957.81	23,806.70	84,848.64	16,027.20	590,661.14	29,360.99	4,509,381.83
1910.....	53,276.38	5,139.94	26,942.54	6,985.67	19,057.54	.....	165,252.11	7,740.07	284,394.35
Dec. 31, 1910	3,474,679.56	291,456.11	83,900.35	30,792.37	103,906.28	16,027.20	755,913.25	37,101.06	4,793,776.18
1911.....	61,877.52	2,674.91	38,818.70	*1,234.63	28,336.00	.....	127,976.12	4,884.62	263,333.24
Dec. 31, 1911	3,536,557.08	294,131.02	122,719.05	29,557.74	132,242.28	16,027.20	883,889.37	41,985.68	5,057,109.42
1912.....	63,684.18	*5,191.23	8,674.80	*4,627.31	22,297.24	*200.00	43,945.38	18,042.11	146,619.17
Dec. 31, 1912	3,600,241.26	288,939.79	131,393.85	24,930.43	154,539.52	15,821.20	927,834.75	60,027.79	5,203,728.59
1913.....	3,338.12	462.87	1,448.54	*3,807.65	*1,004.26	.....	83,747.79	13,766.90	97,952.31
Dec. 31, 1913	3,603,579.38	289,402.66	132,842.39	21,122.78	153,535.26	15,821.20	1,011,582.54	73,794.69	5,301,680.90
1914.....	*6,945.10	*4,604.59	41,039.72	*6,215.91	3,245.57	.....	*12,560.68	28,632.92	42,591.93
Dec. 31, 1914	3,596,634.28	284,798.07	173,882.11	14,906.87	156,780.83	15,821.20	999,021.86	102,427.61	5,344,272.83
1915.....	28,116.37	20,173.89	291,262.02	*1,148.85	*8,068.31	.....	*24,428.19	16,519.11	322,426.04
Dec. 31, 1915	3,624,750.65	304,971.96	465,144.13	13,758.02	148,812.52	15,821.20	974,593.67	118,946.72	5,666,698.87
1916.....	76,912.87	15,846.73	18,311.32	*7,607.17	19,516.74	.....	194,816.40	6,046.22	314,843.11
Dec. 31, 1916	3,701,663.52	320,818.69	483,455.45	6,150.85	159,229.26	15,821.20	1,169,410.07	124,992.94	5,981,541.98
1917.....	12,951.23	27,782.53	41,808.79	*104.19	*2,824.63	.....	274,503.34	6,688.58	360,805.65
Dec. 31, 1917	3,714,614.75	348,601.22	525,264.24	6,046.66	156,404.63	15,821.20	1,443,913.41	131,681.52	6,342,347.63
1918.....	4,827.37	10,720.90	7,173.30	*298.86	*7,069.37	.....	268,022.05	5,731.30	289,106.69
Dec. 31, 1918	$3,719,442.12	$359,322.12	$532,437.54	$5,747.80	$149,335.26	$15,821.20	$1,711,935.46	$137,412.82	$6,631,454.32

* In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK

INVESTMENT IN METERS

Amount taken over at date of Consolidation, November 11, 1884. Cost $1,231,753.98

Year	Additions During Year	Withdrawals	Net Increase	
Nov. 11/84 to Dec. 31/85	$47,427.99	*$227,434.46	†$180,006.47	$1,051,747.51
1886	67,580.23	13,885.00	53,695.23	1,105,442.74
1887	103,581.34	17,811.40	85,769.94	1,191,212.68
1888	92,050.05	18,881.60	73,168.45	1,264,381.13
1889	104,297.05	37,020.60	67,276.45	1,331,657.58
1890	117,398.00	56,253.25	61,144.75	1,392,802.33
1891	125,458.75	77,116.45	48,342.30	1,441,144.63
1892	120,923.95	61,653.75	59,270.20	1,500,414.83
1893	94,943.35	50,891.10	44,052.25	1,544,467.08
1894	106,440.30	51,585.75	54,854.55	1,599,321.63
1895	152,074.38	51,317.42	100,756.96	1,700,078.59
1896	144,606.34	53,728.13	90,878.21	1,790,956.80
1897	146,611.60	44,319.95	102,291.65	1,893,248.45
1898	244,704.34	40,077.95	204,626.39	2,097,874.84
1899	231,755.28	28,927.18	202,828.10	2,300,702.94
1900	204,765.20	26,508.55	178,256.65	2,478,959.59
1901	114,020.68	23,725.93	90,294.75	2,569,254.34
1902	122,381.82	18,284.35	104,097.47	2,673,351.81
1903	100,478.01	18,419.75	82,058.26	2,755,410.07
1904	100,878.42	24,613.95	76,264.47	2,831,674.54
1905	171,521.04	25,646.20	145,874.84	2,977,549.38
1906	$208,143.84	$13,989.20	$194,154.64	$3,171,704.02
1907	123,940.06	12,399.85	111,540.21	3,283,244.23
1908	100,699.79	12,615.90	88,083.89	3,371,328.12
1909	62,688.46	12,613.40	50,075.06	3,421,403.18
1910	67,207.48	13,931.10	53,276.38	3,474,679.56
1911	79,305.22	17,427.70	61,877.52	3,536,557.08

*Includes $202,639.57 transferred to Cocks & Connections, as of December 31, 1885.
†In red ink on original.

Year	Additions During Year	Withdrawals	Net Increase	Cost
1912	142,819.73	79,135.55	63,684.18	3,600,241.20
1913	48,843.55	45,505.43	3,338.12	3,603,579.38
1914	41,747.70	48,692.80	*6,945.10	3,596,634.28
1915	65,957.02	37,840.65	28,116.37	3,624,750.65
1916	108,410.17	31,497.30	76,912.87	3,701,663.52
1917	82,620.78	69,669.55	12,951.23	3,714,614.75
1918	29,920.02	25,092.65	4,827.37	3,719,442.12

CONSOLIDATED GAS COMPANY OF NEW YORK

INVESTMENT IN METERS.

Meters acquired at Consolidation November 11, 1884.

Company	Number of Meters	Total
Manhattan Gas Light Co.	35,180	
New York Gas Light Co.	30,231	
Metropolitan Gas Light Co.	28,447	
Knickerbocker Gas Light Co.	8,080	
Municipal Gas Light Co.	11,276	
Harlem Gas Light Co.	14,237	
		$127,451

Year	Total Owned	Net Increase	
Nov. 11/84 to Dec. 31/85	121,401	*6,050	
	Balance on Hand—December 31, 1885		121,401
1886	130,048	8,647	
	Balance on Hand—December 31, 1886		130,048
1887	143,967	13,919	
	Balance on Hand—December 31, 1887		143,967
1888	157,105	13,138	
	Balance on Hand—December 31, 1888		157,105
1889	169,623	12,518	
	Balance on Hand—December 31, 1889		169,623
1890	182,629	13,006	
	Balance on Hand—December 31, 1890		182,629
1891	193,986	11,357	
	Balance on Hand—December 31, 1891		193,986
1892	207,967	13,981	
	Balance on Hand—December 31, 1892		207,967
1893	218,341	10,374	
	Balance on Hand—December 31, 1893		218,341
1894	222,879	4,538	
	Balance on Hand—December 31, 1894		222,879
1895 Ordny	236,069	13,190	
P'pmt.	7,711	7,711	
	243,780	20,901	
	Balance on Hand—December 31, 1895		243,780
1896 Ordny.	245,864	9,795	
P'pmt.	14,767	7,056	
	260,631	16,851	
	Balance on Hand—December 31, 1896		260,631

* In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK.

Investment in Meters.

Year		Total Owned	Net Increase	
Balance—December 31, 1896				260,631
1897	Ordinary	246,220	356	
	Prepayment ..	26,590	11,823	
		272,810	12,179	
	Balance on Hand—December 31, 1897			272,810
1898	Ordinary	268,482	22,262	
	Prepayment ..	38,113	11,523	
		306,595	33,785	
	Balance on Hand—December 31, 1898			306,595
1899	Ordinary	294,828	26,346	
	Prepayment ..	46,904	8,791	
		341,732	35,137	
	Balance on Hand—December 31, 1899			341,732
1900	Ordinary	306,834	12,006	
	Prepayment ..	61,263	14,359	
		368,097	26,365	
	Balance on Hand—December 31, 1900			368,097
1901	Ordinary	311,273	4,439	
	Prepayment ..	70,643	9,380	
		381,916	13,819	
	Balance on Hand—December 31, 1901			381,916
1902	Ordinary	318,581	7,308	
	Prepayment ..	79,353	8,710	
		397,934	16,018	
	Balance on Hand—December 31, 1902			397,934
1903	Ordinary	323,068	4,487	
	Prepayment ..	87,014	7,661	
		410,082	12,148	
	Balance on Hand—December 31, 1903			410,082
1904	Ordinary	332,777	9,709	
	Prepayment ...	90,614	3,600	
		423,391	13,309	
	Balance on Hand—December 31, 1904			423,391
1905	Ordinary	347,386	14,609	
	Prepayment ..	99,844	9,230	
		447,230	23,839	
	Balance on Hand—December 31, 1905			447,230

CONSOLIDATED GAS COMPANY OF NEW YORK.

INVESTMENT IN METERS.

Year		Total Owned	Net Increase	
Balance on hand Dec. 31, 1905				447,230
1906	Ordinary	362,917	15,531	
	Prepayment ..	113,796	13,952	
		476,713	29,483	
		Balance on Hand—Dec. 31, 1906		476,713
1907	Ordinary	364,992	2,075	
	Prepayment ..	126,476	12,680	
		491,468	14,755	
		Balance on Hand—Dec. 31, 1907		491,468
1908	Ordinary	375,006	10,014	
	Prepayment ..	131,016	4,540	
		506,022	14,554	
		Balance on Hand—Dec. 31, 1908		506,022
1909	Ordinary	375,810	804	
	Prepayment ..	136,582	5,566	
		512,392	6,370	
		Balance on Hand—Dec. 31, 1909		512,392
1910	Ordinary	380,276	4,466	
	Prepayment ..	140,318	3,736	
		520,594	8,202	
		Balance on Hand—Dec. 31, 1910		520,594
1911	Ordinary	383,398	3,122	
	Prepayment ..	145,735	5,417	
		529,133	8,539	
		Balance on Hand—Dec. 31, 1911		529,133
1912	Ordinary	378,835	*4,563	
	Prepayment ..	157,164	11,429	
		535,999	6,866	
		Balance on Hand—Dec. 31, 1912		535,999
1913	Ordinary	376,327	*2,508	
	Prepayment ..	159,884	2,720	
		536,211	212	
		Balance on Hand—Dec. 31, 1913		536,211
1914	Ordinary	377,086	759	
	Prepayment ..	159,816	*68	
		536,902	691	
		Balance on Hand—Dec. 31, 1914		536,902

* In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK.

INVESTMENT IN METERS.

Sh. No. 3.

Year		Total Owned	Net Increase	
Balance on Hand—December 31, 1914				536,902
1915	Ordinary	381,139	4,053	
	Prepayment ..	160,596	780	
		541,735	4,833	
		Balance on Hand—Dec. 31, 1915		541,735
1916	Ordinary	388,108	6,969	
	Prepayment ..	164,504	3,908	
		552,612	10,877	
		Balance on Hand—Dec. 31, 1916		552,612
1917	Ordinary	388,906	798	
	Prepayment ..	165,867	1,363	
		554,773	2,161	
		Balance on Hand—Dec. 31, 1917		554,773
1918	Ordinary	386,457	*2,449	
	Prepayment ..	166,723	856	
		553,180	*1,593	
		Balance on Hand—Dec. 31, 1918		553,180

CONSOLIDATED GAS COMPANY OF NEW YORK.

INVESTMENT IN METER COCKS AND CONNECTIONS.

Amount taken over at date of Consolidation, November 11, 1884.. Cost $214,566.10

Year	Additions during Year	Withdrawals	Net Increase	Cost
Nov. 11/84 to Dec. 31/85.....	$15,341.01	$	$15,341.01	229,907.11
1886.....	23,094.19	1.85	23,092.34	252,999.45
1887.....	26,202.99	4.25	26,198.74	279,198.19
1888.....	20,148.80	163.69	19,985.11	299,183.30
1889.....	15,221.19	292.29	14,928.90	314,112.20
1890.....	17,846.87	1,069.07	16,777.80	330,890.00
1891.....	19,234.22	205.26	19,028.96	349,918.96
1892.....	17,642.20	345.23	17,296.97	367,215.93
1893.....	21,686.62	554.20	21,132.42	388,348.35
1894.....	17,632.65	901.23	16,731.42	405,079.77
1895.....	24,815.29	534.29	24,281.00	429,360.77
1896.....	24,281.20	23,632.74	648.46	430,009.23
1897.....	11,892.85	23,039.42	*11,146.57	418,862.66
1898.....	23,694.41	44,911.48	*21,217.07	397,645.59
1899.....	50,641.61	46,530.98	4,110.63	401,756.22
1900.....	27,259.67	42,901.59	*15,641.92	386,114.30
1901.....	14,014.32	42,566.07	*28,551.75	357,562.55
1902.....	13,829.46	37,757.60	*23,928.14	333,634.41
1903.....	12,259.73	35,159.88	*22,900.15	310,734.26
1904.....	19,931.43	35,173.15	*15,241.72	295,492.54
1905.....	21,693.22	33,047.72	*11,354.50	284,138.04

*In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK.

Investment in Meter Cocks and Connections.

Year	Additions during Year	Withdrawals	Net Increase	Cost
1906	$33,699.49	$29,870.19	$3,829.30	$287,967.34
1907	45,242.90	31,263.43	13,979.47	301,946.81
1908	14,298.21	30,401.39	*16,103.18	285,843.63
1909	30,450.56	29,978.02	472.54	286,316.17
1910	35,839.20	30,699.26	5,139.94	291,456.11
1911	33,517.14	30,842.23	2,674.91	294,131.02
1912	25,269.78	30,461.01	*5,191.23	288,939.79
1913	30,810.15	30,347.28	462.87	289,402.66
1914	25,434.76	30,039.35	*4,604.59	284,798.07
1915	23,341.09	3,167.20	20,173.89	304,971.96
1916	31,130.23	15,283.50	15,846.73	320,818.69
1917	31,547.67	3,765.14	27,782.53	348,601.22
1918	12,491.33	1,770.43	10,720.90	359,322.12

CONSOLIDATED GAS COMPANY OF NEW YORK

Investment in Office Furniture and Fixtures.

Amount taken over at date of Consolidation, November 11, 1884.... Cost $70,000.00

Year	Additions during Year	Withdrawals	Net Increase	Cost
Nov. 11/84 to Dec. 31/85	$3,361.61	$14,672.32	*$11,310.71	$58,689.29
1886	983.97	14,445.22	*13,461.25	45,228.04
1887	75.50	.....	75.50	45,303.54
1888	383.50	.....	383.50	45,687.04
1889	427.50	.....	427.50	46,114.54
1890	447.50	.....	447.50	46,562.04
1891	693.95	.....	693.95	47,255.99
1892	1,282.70	.....	1,282.70	48,538.69
1893	9,074.11	.....	9,074.11	57,612.80
1894	591.55	.....	591.55	58,204.35
1895	655.75	15.00	640.75	58,845.10
1896	722.40	9,567.50	*8,845.10	50,000.00
1897	1,121.56	.....	1,121.56	51,121.56
1898	878.66	10,408.04	*9,529.38	41,592.18
1899	1,634.16	8,653.27	*7,019.11	34,573.07
1900	7,448.76	8,404.36	*955.60	33,617.47
1901	2,489.62	7,293.00	*4,803.38	28,814.09
1902	4,944.06	6,751.63	*1,807.57	27,006.52
1903	4,693.34	6,339.95	*1,646.61	25,359.91
1904	16,487.49	8,373.48	8,114.01	33,473.92
1905	7,466.40	8,342.03	*875.63	32,598.29
1906	$10,466.01	$7,767.63	$2,698.38	$35,296.67
1907	12,242.27	8,473.18	3,769.09	39,065.76
1908	8,811.22	8,886.93	*75.71	38,990.05
1909	29,150.27	11,182.51	17,967.76	56,957.81
1910	45,313.74	18,371.20	26,942.54	83,900.35
1911	62,971.84	24,153.14	38,818.70	122,719.05
1912	37,959.92	29,285.12	8,674.80	131,393.85
1913	31,913.62	30,465.08	1,448.54	132,842.39
1914	78,435.75	37,396.03	41,039.72	173,882.11
1915	297,855.12	6,593.10	291,262.02	465,144.13
1916	18,311.32	.....	18,311.32	483,455.45
1917	41,808.79	.....	41,808.79	525,264.24
1918	7,446.05	272.75	7,173.30	532,437.54

* In red ink on original.

CONSOLIDATED GAS CO. OF NEW YORK.

INVESTMENT IN HORSES, WAGONS AND HARNESS

Amount taken over at date of Consolidation Nov. 11, 1884..... Cost *$25,837.00

Year	Additions during Year	Withdrawals	Net Increase	Cost
Nov. 11/84 to Dec. 31/85.....	$1,468.00	$160.00	$1,308.00	$27,145.00
1886.....	2,700.50	1,818.00	882.50	28,027.50
1887.....	2,644.50	1,900.00	744.50	28,772.00
1888.....	4,374.50	3,110.00	1,264.50	30,036.50
1889.....	5,243.00	3,478.00	1,765.00	31,801.50
1890.....	6,573.63	3,100.00	3,473.63	35,275.13
1891.....	8,341.50	3,116.00	5,225.50	40,500.63
1892.....	7,062.50	4,169.00	2,893.50	43,394.13
1893.....	2,654.70	945.00	1,709.70	45,103.83
1894.....	295.00	95.00	200.00	45,303.83
1895.....	2,062.00	1,774.00	288.00	45,591.83
1896.....	3,120.98	10,854.56	†7,733.58	37,858.25
1897.....	2,353.88	7,787.71	†5,433.83	32,424.42
1898.....	3,710.31	8,826.95	†5,116.64	27,307.78
1899.....	3,004.00	7,674.88	†4,670.88	22,636.90
1900.....	2,874.00	5,958.18	†3,084.18	19,552.72
1901.....	5,225.50	6,072.04	†846.54	18,706.18
1902.....	10,079.00	6,809.04	3,269.96	21,976.14
1903.....	6,625.27	6,044.28	580.99	22,557.13
1904.....	7,567.90	6,493.00	1,074.90	23,632.03
1905.....	9,960.57	12,238.12	†2,277.55	21,354.48

*Includes 24,722.00 transferred from Plant Account, as of December 31, 1885.
†In red ink on original.

CONSOLIDATED GAS COMPANY OF NEW YORK

INVESTMENT IN HORSES, WAGONS AND HARNESS

Year	Additions during Year	Withdrawals	Net Increase	Cost
1906	$3,763.90	$5,064.32	*$1,300.42	$20,054.0
1907	7,037.41	5,378.00	1,659.41	21,713.4
1908	6,318.26	5,688.74	629.52	22,342.9
1909	7,372.98	5,909.27	1,463.71	23,806.7
1910	13,837.37	6,851.70	6,985.67	30,792.3
1911	6,405.23	7,639.86	*1,234.63	29,557.7
1912	1,838.13	6,465.44	*4,627.31	24,930.4
1913	1,878.59	5,686.24	*3,807.65	21,122.7
1914	542.42	6,758.33	*6,215.91	14,906.8
1915	120.24	1,269.09	*1,148.85	13,758.0
1916	97.80	7,704.97	*7,607.17	6,150.8
1917	220.50	324.69	*104.19	6,046.6
1918	136.00	434.86	*298.86	5,747.8

CONSOLIDATED GAS COMPANY OF NEW YORK

INVESTMENT IN TOOLS AND IMPLEMENTS.

Amount taken over at date of Consolidation, November 11, 1884. Cost $3,273.7

Year	Additions during Year	Withdrawals	Net Increase	Cost
Nov. 11/84 to Dec. 31/85	$6,849.36	$2,041.85	$4,807.51	$8,081.2
1886	4,590.29	3,108.40	1,481.89	9,563.1
1887	9,194.15	5,907.68	3,286.47	12,849.5
1888	9,967.65	7,359.90	2,607.75	15,457.3
1889	10,371.46	8,189.06	2,182.40	17,639.7
1890	17,444.23	11,171.02	6,273.21	23,912.9
1891	17,428.59	13,509.42	3,919.17	27,832.1
1892	18,304.63	15,139.75	3,164.88	30,996.9
1893	17,948.15	16,575.16	1,372.99	32,369.9
1894	19,390.00	16,857.32	2,532.68	34,902.6

* In red ink on original.

Year	Additions during Year	Withdrawals	Net Increase	Cost
1895	31,495.26	22,669.74	8,825.52	43,728.17
1896	29,467.33	24,988.42	4,478.91	48,207.08
1897	14,760.99	21,397.27	*6,636.28	41,570.80
1898	19,897.78	20,560.12	*662.34	40,908.46
1899	26,165.05	22,441.36	3,723.69	44,632.15
1900	26,953.74	23,898.29	3,055.45	47,687.60
1901	25,936.21	28,299.24	*2,363.03	45,324.57
1902	20,859.36	22,812.02	*1,952.66	43,371.91
1903	30,671.71	25,068.37	6,603.34	48,975.25
1904	25,618.98	24,971.39	647.59	49,622.84
1905	23,349.41	24,640.77	*1,291.36	48,331.48

CONSOLIDATED GAS COMPANY OF NEW YORK

INVESTMENT IN TOOLS AND IMPLEMENTS.

Year	Additions during Year	Withdrawals	Net Increase	Cost
1906	$20,046.09	$12,151.97	$7,894.12	$56,225.60
1907	35,545.30	15,873.41	19,671.89	75,897.49
1908	22,343.28	17,931.55	4,411.73	80,309.22
1909	22,795.38	18,255.96	4,539.42	84,848.64
1910	41,445.63	22,387.99	19,057.64	103,906.28
1911	57,016.63	28,680.63	28,336.00	132,242.28
1912	55,469.50	33,172.26	22,297.24	154,539.52
1913	40,787.76	41,792.02	*1,004.26	153,535.26
1914	40,662.96	37,417.39	3,245.57	156,780.83
1915	29,109.82	37,178.13	*8,068.31	148,712.52
1916	28,208.88	17,692.14	10,516.74	159,229.26
1917	15,191.11	18,015.74	*2,824.63	156,404.63
1918	9,533.43	16,602.80	*7,069.37	149,335.26

*In red ink on original.

CONSOLIDATED GAS CO. OF NEW YORK

Investment in Scows

Dec. 31, 1901—Amount Taken over from Plant a/c Scows 1 & 2	$5,800.00	
Dec. 31, 1901—Amount Taken over from Const. a/c Scows 3 & 7	13,099.89	$18,899.89

Year	Additions during Year	Withdrawals	Net Increase	Cost
Dec. 1901	$40.76	.....	$40.76	$18,940.65
1902	8,100.31	2,704.10	5,396.21	24,336.86
1903	127.53	2,446.44	*2,318.91	22,017.95
1904	.....	2,201.80	*2,201.80	19,816.15
1905	.....	990.81	*990.81	18,825.34
1906	.....	1,066.67	*1,066.67	17,758.67
1907	.....	887.93	*887.93	16,870.74
1908	.....	843.54	*843.54	16,027.20
1909	.....	.....	.....	16,027.20
1910	.....	.....	.....	16,027.20
1911	.....	.....	.....	16,027.20
1912	.....	206.00	*206.00	15,821.20
1913	.....	.....	.....	15,821.20
1914	.....	.....	.....	15,821.20
1915	.....	.....	.....	15,821.20
1916	.....	.....	.....	15,821.20
1917	.....	.....	.....	15,821.20
1918	.....	.....	.....	15,821.20

* In red ink on original.

CONSOLIDATED GAS CO. OF NEW YORK

INVESTMENT IN GAS APPLIANCES RENTED.

Year	Additions during Year	Withdrawals	Net Increase	Cost
1894	$20,818.62	$146.67	$20,671.95	$20,671.95
1895	24,804.90	126.70	24,678.20	45,350.15
1896	28,993.95	19,886.52	9,107.43	54,457.58
1897	21,515.48	15,538.10	5,977.38	60,434.96
1898	89,261.93	26,806.57	62,455.36	122,890.32
1899	172,381.82	55,754.86	116,626.96	239,517.28
1900	100,181.15	67,279.70	32,901.45	272,418.73
1901	*3,889.63	61,287.32	*65,176.95	207,241.78
1902	83,954.27	64,051.94	19,902.33	227,144.11
1903	66,598.15	69,361.27	*2,763.12	224,380.99
1904	48,400.94	60,052.57	*11,651.63	212,729.36
1905	106,988.52	62,871.03	44,117.49	256,846.85
1906	189,442.92	75,807.43	113,635.49	370,482.34
1907	153,956.96	92,112.18	61,844.78	432,327.12
1908	89,367.97	94,044.82	*4,676.85	427,650.27
1909	284,293.86	121,282.99	163,010.87	590,661.14
1910	322,918.55	157,666.44	165,252.11	755,913.25
1911	318,700.77	190,724.65	127,976.12	883,889.37
1912	247,831.06	203,885.68	43,945.38	927,834.75
1913	302,980.36	219,232.57	83,747.79	1,011,582.54
1914	206,907.12	219,467.80	*12,560.68	999,021.86
1915	219,220.23	243,648.42	*24,428.19	974,593.67
1916	224,731.77	29,915.37	194,816.40	1,169,410.07
1917	345,878.81	71,375.47	274,503.34	1,443,913.41
1918	363,205.26	95,183.21	268,022.05	1,711,935.46

*In red ink on original.

CONSOLIDATED GAS CO. OF NEW YORK

Investment in Automobiles and Accessories

Year	Additions during Year	Withdrawals	Net Increase	Cost
1905	$6,979.15	697.92	6,281.23	.....
Balance Dec. 31, 1905	.....	.....	.....	$6,281.23
1906	$2,992.80	1,739.01	1,253.79	7,535.02
1907	16,537.66	4,217.91	12,319.75	19,854.77
1908	4,785.14	4,288.59	496.55	20,351.32
1909	14,681.17	5,671.50	9,009.67	29,360.99
1910	16,500.46	8,760.39	7,740.07	37,101.06
1911	13,587.59	8,702.97	4,884.62	41,985.68
1912	29,453.80	11,411.69	18,042.11	60,027.79
1913	30,792.85	17,025.95	13,766.90	73,794.69
1914	48,030.24	19,397.32	28,632.92	102,427.61
1915	17,471.42	952.31	16,519.11	118,946.72
1916	9,409.31	3,363.09	6,046.22	124,992.94
1917	12,969.31	6,280.73	6,688.58	131,681.52
1918	6,719.28	987.98	5,731.30	137,412.82

COMPLAINANT'S EXHIBIT 475

SCHEDULE "E"

CONSOLIDATED GAS CO. OF NEW YORK

REAL ESTATE, including improvements thereon other than Manufacturing Plants and Holder Stations, not claimed to be used as of Dec. 31, 1918. To be deducted from the Total Cost shown in Schedule "A."

14th Street Station		
Block 989 Lot 26—Condemned by City		
Rowland Appraisal Lot numbers 1779-1787, 3108-3111, part 3112, 3424-3427, and part 3423.....	125,060.00	
Block 991 Lot 26—Condemned by City		
Rowland Appraisal Lot numbers 1806-1814 and 1823-1830.....	144,000.00	
Block 991 Lot 50—Condemned by City		
Bulkhead, 15th to 16th Streets..	100,000.00	
Block 972 Lot 45—Rented		
Rowland Appraisal Lots No. 3048-½-3053	12,000.00	
Block 985 Lots 39 & 40—Rented		
Rowland Appraisal Lots No. 4091-4092	12,000.00	
Block 989 Lot 1 Part—Sold		
Rowland Appraisal Lot Nos. 3112 part, 3113-3121, 3122 part, 3413 part, 3414-3422 and 3423 part..	130,000.00	
	523,060.00	
Less amount credited per Ledger for sale of Block 989 Lot 1 (part) above	180,000.00	343,060.00
18th Street Station		
Block 690 Lots 12, 40, 42-45, 48-53 and Block 715 Lots 51, 59.....	.....	260,472.55

21st Street Station			
Block 952 Lots 33-34—Rented—Land & Improvements			
Rowland Appraisal		23,000.00	
Block 978 Lots 2-3			
1899 Land & Improvements		31,000.00	
Block 978 Lot 1			
1899 Land & Improvements	10,112.73		
1902 Land & Improvements	10,000.00		
1906 Land & Improvements	174.00	20,286.73	
Block 978 Lot 4			
1907 Land & Improvements		12,071.75	86,358.48
Forward			689,891.03
Forward			689,891.03
44th Street Station			
Total Investment per Ledger		1,137,970.36	
Investment per Ledger in Land now owned devoted to the Gas Business			
Block 1092 Lot 7 (part)	95,910.00		
Block 1093 Lot 9 (part)	89,120.00	185,030.00	
Investment per Ledger not devoted to the Gas Business as follows:			952,940.36
(1) *Condemned by City*—Block 1092 Lot 7 (Part) Block 1093 Lot 9 (part) Block 1107 Lots 23 & 28			
(2) *Rented*—Block 1092 Lots 7 (part) 28, 38, 38-½, 39, Block 1093 Lot 9 (part)			
111th Street Station			
Block 1683 Lots 33-34			7,500.00
132nd Street Station			
Block 1999 Lot 1—Apportionment of sidewalks and curbing to portion sold			
1910 New sidewalk and curbing		1,448.55	
Less sidewalk removed		1,408.91	39.64
Inwood Station			
Block 2175 Lots 15, 18, 22 and 100			27,774.88

East 60th to 61st Streets and Avenue A—Rented		
Block 1455 Lot 13 and Block 1474 Lot 24.....		158,788.55
222-228 *West 65th Street*—Rented		
Block 1156 Lots 45 and 46.....		134,414.98
116th Street and Lexington Ave.—Partly rented		
Block 1643 Lots 56 to 58.....		65,146.60
166th Street and Audubon Ave.—Rented		
Block 2123 Lots 48 to 51.....		56,344.80
Kent Avenue, Brooklyn—Rented		
Block 2184 Lot 1.....		77,931.18
Forward		2,170,772.02
Forward		2,170,772.02
Assessments		
1886 18th St. Sta. Widening Gansevoort St.	441.75	
1887 Inwood Sta. Improvements to Harlem River and Spuyten Duyvil Creek	738.63	
1889 Block 1705, Crosswalks 112th St. and 1st Ave.....	35.24	
Inwood Sta., Kingsbridge Road, 155th to 190th Sts	99.00	
1890 18th St. Sta. Sewer alterations, 14th-16th Sts. and 11th Avenue	2,163.93	
1891 Block 972 Lot 45, Flagging 15th St., between Avenues A and B.....	7.39	
18th St. Sta., Repairing 19th St. west of 10th Ave.....	821.82	
1892 18th St. Sta. Improvements to Sewer 20th Street and 10th Avenue	33.66	
18th St. Sta. Paving 18th St., 11th to 13th Aves.....	1,025.88	
18th St. Sta. Paving 13th Ave., 17th to 18th Sts.....	6,818.33	
14th St. Sta. Apportionment of Paving 16th St., Avenue A to East River	971.04	
18th St. Sta. Paving 16th St., 10th Ave. to North River..	6,917.53	
14th St. Sta. Apportionment of Paving 16th St., Avenue C to East River.....	2,852.76	
18th St. Sta. Paving 16th St., 10th Ave. to North River..	153.33	

Assessments—continued

1893	Block 1999. Apportionment of grading, etc., W. 132nd Street and 12th Avenue...	1,436.72	
1894	111th St. Sta. Apportionment of Sewer Improvements	691.92	
	Block 1643, Lexington Ave. opening between 57th and 102nd Streets	394.00	
	18th St. Sta. Sewer Improvement 18th St., 10th Ave. to North River	585.65	
	18th St. Sta. Paving 20th St., 10th Ave. to North River..	3,266.22	
	Forward	29,454.80	2,170,772.02
	Forward	29,454.80	2,170,772.02

Assessments—continued

1895	63rd St. Sta. Apportionment of Sewer Improvement, 62nd St. between Ave. A and 1st Ave.....	1,571.40	
	44th St. Sta. Receiving Basins, 44th St. and 12th Ave.	167.76	
	Block 1999. Apportionment of grading, curbing, etc., W. 133rd St., 12th Ave. and Boulevard	3,721.84	
	Block 1999. Apportionment of Sewer Improvement, W. 132nd St. and 12th Ave. to Boulevard	1,059.74	
	Block 1999. Apportionment of 130th St. Sewer, Manhattan Street and 12th Ave.	95.18	
	Block 1999. Apportionment of Sewer Improvement, W. 133rd St., 12th Ave. & Boulevard	1,620.73	
	Block 2175 Grading, curbing, etc., Dyckman Street and North River	13.81	
	Block 1455) Sewer improvements, 62nd St.	52.80	
	Block 1474) E. Boulevard and East River.....	15.67	

Assessments—continued

1896	Block 2175 Grading Kingsbridge Road, 190th Street to Harlem River.....	4,108.27	
	Block 2175 Sherman Ave. opening, Kingsbridge Road to 10th Avenue.....	174.79	
	Block 2175 Grading Ft. Washington Road	82.39	
1897	Block 1999 Apportionment of paving 133rd St. between 12th Ave. and Boulevard.	1,522.25	
	Block 666 Receiving Basins, 13th Ave. and 17th Street	676.84	
	Block 2175 Dyckman St. sewer outlet—between Kingsbridge Road and North River	2,986.92	
	Block 1455) Block 1474) Exterior St. Opening 64th to 81st Streets	829.90	
1898	Block 1999 Apportionment of 155th St. Viaduct.....	284.21	
	Block 2175. 155th St. Viaduct	205.94	
	Block 1999 Apportionment of grading 130th St. Convent Ave. to St. Nicholas Ter..	183.73	
	Block 2175 Dyckman St. Sewer, Kingsbridge Road and Harlem River	20.74	
	Block 2175 Refund on assessment for grading Kingsbridge Road—190th St. to H. R.	609.60	
	Forward	48,240.11	2,170,772.02
	Forward	48,240.11	2,170,772.02
1899	Block 1999 Apportionment of opening and extending St. Nicholas Ter.	116.12	
	Block 688 Flagging and curbing, 14th, 15th and 16th Sts., between 10th and 11th Aves.	1,302.99	
	Block 2175 Sewer—Nagle Ave. & 11th Ave.....	37.47	

Assessments—continued

1899	Block 691 Sewer Improvements—W. 20th St.....	319.80
	Block 1455 Opening Exterior St. between East 64th and East 81st Streets	50
1900	Block 2175 Sewer—Nagle Ave. between Academy and Dyckman Streets	43.10
	Block 2175 Grading, etc., Sherman Ave., 10th Ave. to Kingsbridge Road	819.30
1901	Block 991 Receiving Basins, 15th St. & Ave. D.....	207.13
	Block 989 Receiving Basins, 15th St. & Ave. D.....	211.12
1902	Block 2175 Sewer—201st and Academy Sts., etc.....	55.98
	Block 1070 Sewer—11th Ave. & 40th-42nd Sts.	133.33
	Block 1999 Apportionment of Sewer Outlet 129th Street and North River	115.50
1904	Block 1999 Apportionment of Opening 135th St. Riverside Drive to Boulevard...	53.26
	Block 2175 Paving 187th St. to Dyckman St.	2,268.42
1905	Block 1999 Apportionment of Crosswalks, Broadway & 130th, 131st, 132nd & 133rd Sts.	158.22
1906	Bl. 952 Lots 33 & 34) Sewer Bl. 978 Lots 1-3) outlet and overflow E. 22nd St. and sewers on Marginal St. on W.S. bet. 18th and 23rd Streets, with alterations and improvements to sewer in 22nd St. bet. Marginal St. and Avenue A.....	90.80
	Block 2175 Sewer in Sherman Ave., bet. 10th Ave. and Emerson Street	398.56
1910	Block 2175 Paving Sherman Ave., Broadway to 10th Block 2175 Riverside Drive & Avenue	1,155.55
	Parkway opening, 135th St. to Boulevard Lafayette...	459.09

Assessments—continued

1910	Block 2175 Services re Riverside Drive opening	484.60	
	Forward	56,670.95	2,170,772.02
	Forward	56,670.95	2,170,772.02
1911	Block 1455) Grading, curb- Block 1474) ing and construction of retaining wall, Exterior St. between E. 64th and E. 81st Sts.....	741.58	
1912	Block 1999 Apportionment of Paving 132nd St. Broadway to 12th Avenue.....	2,738.98	
1913	18th St. Sta. Paving, etc., 13th Ave., 16th to 23rd Streets.	11,005.61	
1918	Block 1643 Sewer 114th St. between 1st Ave. and East River, and Improvements to sewer 75' East of 3rd Ave. & 3rd Ave.....	35.20	71,192.32
			2,241,964.34

COMPLAINANT'S EXHIBIT 476

SCHEDULE F.

CONSOLIDATED GAS COMPANY OF NEW YORK

Manufacturing Plants and Holder Stations not Claimed to be used as of December 31, 1918.

To be deducted from the Total Cost as shown in Schedule B.

****

14th Street Stations:	
Plant located upon Block 989 Lot 1 (part) and Block 991 Lot 26 taken in Condemnation by the City	91,360.49
18th Street Station:	
Plant not claimed to be used in the Gas Business	46,856.60
44th Street Station:	
Plant located upon Block 1092 Lot 1 (part) Block 1093 Lot 1 (part) Block 1107 Lots, 23, 28 taken in Condemnation by the City or dismantled as a result thereof.....	1,290,412.67
Inwood Station:	
Plant not claimed to be used in the Gas Business	32,651.39
Total	1,461,281.15

COMPLAINANT'S EXHIBIT 477.

CITY TESTS

NOTATION OF 510 TEST SHEETS CLAIMED BY COMPLAINANT TO SHOW INCORRECT COMPUTATION AND CERTIFICATION OF "CORRECTED ILLUMINATING POWER," IF CORRECT OBSERVATION AND CORRECT RECORDING OF OBSERVED DATA SHOWN ON THE TEST SHEET BE ASSUMED.

1919

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
79th St.	Stand	11/20	3 00 P	Hirschewitz	20.25	20.30	....
Grand	Br 2	5/12	1 00 P	Straus	21.33	21.35	....
79th St.	Stand	12/2	3 30 P	Hirschewitz	21.78	21.83	....
" "	Br 3	12/10	10 00 A	"	20.73	20.77	....
" "	Br 3	12/8	11 00 A	"	20.68	20.88	....
" "	Stand	6/10	4 30 P	"	21.73	21.11	....
" "	N A	10/3	12 30 P	"	21.99	22.03	....
" "	Br 4	11/12	1 00 P	"	21.45	22.56	....
" "	N A	6/10	4 00 P	"	20.96	20.82	....
" "	N A	6/7	3 00 P	"	21.91	21.93	....
" "	Stand	6/7	3 30 P	"	21.56	21.68	....
" "	N A	6/12	12 30 P	"	21.87	21.99	....
" "	N A	10/1	12 00 P	"	20.55	20.77	....
" "	Br 4	12/2	4 30 P	"	21.22	21.70	....
" "	Stand	4/18	3 45 P	"	21.41	21.55	....
" "	N A	9/29	11 30 A	"	20.33	20.38	....
" "	Br 4	4/19	2 00 P	"	21.14	21.64	....
" "	Br 6	6/4	5 00 P	"	21.93	21.80	....
" "	Br 4	4/5	4 00 P	"	21.86	21.91	....
" "	N A	4/1	1 15 P	"	21.77	21.81	....
" "	Br 4	2/20	1 30 P	"	21.94	21.55	....
" "	N A	1/17	1 30 P	"	21.92	21.98	....
" "	Stand	1/6	11 30 A	"	20.23	20.33	....
" "	Br 6	4/5	4 30 P	"	21.59	21.64	....
" "	Stand	4/3	4 00 P	"	21.94	21.90	....
" "	Stand	3/31	1 00 P	"	20.45	20.49	....
" "	"	3/20	6 00 P	"	21.97	21.90	....
" "	"	3/19	8 00 P	"	21.78	21.68	....
" "	"	2/10	1 00 P	"	20.95	20.89	....
" "	N A	3/20	5 30 P	"	21.71	21.64	....
" "	Br 3	9/22	2 00 P	"	21.02	20.81	....
" "	Br 3	6/9	10 30 A	"	18.27	18.43	....
" "	N A	1/6	11 00 A	"	20.37	20.48	....
" "	Br 3	2/14	1 00 P	"	21.93	21.91	....
" "	Br 4	1/24	10 00 A	"	21.92	21.77	....
" "	Br 6	1/24	10 30 A	"	21.51	21.35	....

1919

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
79th St.	Br 3	2/3	1 00 P	Hirschewitz	21.60	21.70	....
" "	Br 3	5/26	10 45 A	"	21.98	21.89	....
" "	Br 3	3/20	4 00 P	"	21.92	21.85	....
" "	Br 3	1/25	10 00 A	"	21.28	20.95	....
" "	Br 3	1/9	1 00 P	"	21.09	21.06	....
" "	Stand	2/15	5 00 P	"	23.10	23.11	....
" "	"	2/14	3 00 P	"	22.28	22.25	....
" "	N A	1/18	1 00 P	"	22.47	22.54	....
" "	Stand	1/18	1 30 P	"	22.56	22.63	....
" "	"	2/5	7 00 P	"	22.66	22.63	....
" "	"	2/4	11 30 A	"	22.17	22.22	....
" "	"	1/30	4 00 P	"	22.96	23.14	....
" "	N A	1/29	11 00 P	"	22.31	22.07	....
" "	Stand	2/21	8 00 P	"	22.64	22.36	....
" "	Br 6	12/26	1 00 P	"	22.13	22.14	....
" "	Br 6	12/23	7 00 P	"	23.34	23.30	....
" "	Br 6	12/16	11 30 A	"	22.24	22.71	....
" "	N A	2/18	11 00 A	"	22.24	22.39	....
" "	Stand	4/1	1 40 P	"	22.11	22.08	....
" "	N A	2/14	2 30 P	"	22.33	22.31	....
" "	Stand	1/16	4 00 P	"	22.38	22.46	....
" "	"	1/17	2 00 P	"	22.51	22.35	....
Grand	N A	1/3	3 40 P	Straus	22.27	22.23	....
79th St.	Br 6	11/29	2 00 P	Hirschewitz	22.33	22.31	....
" "	Br 4	12/24	12 30 P	"	22.61	22.63	....
" "	Br 4	12/23	6 30 P	"	22.85	23.18	....
" "	Br 4	12/20	1 30 P	"	22.19	22.71	....
" "	N A	6/14	2 00 P	"	22.82	22.78	....
" "	Br 3	5/13	5 30 P	"	22.25	22.20	....
" "	N A	10/25	11 15 A	Elsasser	23.06	22.97	....
" "	Br 6	7/24	11 00 A	Hirschewitz	22.74	22.76	....
" "	N A	8/18	10 30 A	"	22.44	22.41	....
" "	Stand	11/7	2 00 P	"	22.11	22.06	....
" "	Br 6	7/9	7 00 P	"	22.51	22.55	....
" "	Br 6	7/7	1 00 P	"	22.79	22.81	....
" "	Br 3	8/29	1 00 P	"	22.77	22.72	....
" "	Stand	11/21	7 00 P	"	22.25	22.21	....
" "	N A	9/17	12 00 A	"	22.70	22.75	....
" "	Br 6	6/27	10 30 A	"	22.60	22.82	....
" "	Br 4	6/27	10 00 A	"	22.75	22.97	....
" "	Stand	6/12	1 00 P	"	22.08	22.20	....
" "	Br 3	3/14	6 00 P	"	22.18	22.25	....
" "	Br 3	2/21	6 00 P	"	22.51	22.18	....
" "	Stand	5/26	4 00 P	"	22.38	22.45	....
" "	Br 6	11/7	1 00 P	"	22.30	22.26	....
" "	Stand	5/22	2 00 P	"	22.82	23.35	....
" "	Br 3	2/27	6 30 P	"	22.68	22.73	....
" "	N A	2/23	8 15 P	"	22.36	22.44	....
" "	N A	4/15	5 55 P	"	22.49	22.56	....
" "	N A	8/4	12 30 P	"	22.29	22.56	....
" "	N A	8/8	1 30 P	"	23.32	23.39	....
" "	Stand	9/17	12 30 P	"	22.51	22.94	....
" "	Br 3	5/14	1 30 P	"	22.44	22.50	....
" "	Br 4	11/1	2 00 P	Elsasser	22.76	22.73	....
" "	N A	8/1	11 45 A	Hirschewitz	23.03	23.05	....
" "	Br 3	5/19	6 30 P	"	22.20	22.23	....
" "	N A	7/9	7 30 P	"	22.90	22.95	....

1919

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P.'s Computed by Birdsley
79th St.	Stand	8/7	1 00 P	Hirschewitz	23.01	23.03	....
" "	Br 3	6/4	4 00 P	"	22.26	22.12	....
" "	Stand	8/11	12 00 P	"	22.49	22.41	....
" "	N A	7/14	11 30 A	"	22.19	22.17	....
" "	Stand	8/8	2 00 P	"	23.35	23.42	....
" "	N A	7/11	11 30 A	"	22.33	22.09	....
" "	Stand	5/5	1 00 P	"	24.39	24.42	....
" "	"	8/4	1 00 P	"	22.31	22.57	....
" "	Br 6	8/29	2 00 P	"	22.66	22.62	....
" "	N A	6/27	11 00 A	"	22.23	22.43	....
" "	Br 4	11/21	5 30 P	"	22.30	22.25	....
" "	Br 4	12/16	11 00 A	"	22.26	22.68	....
" "	Stand	5/10	3 00 P	"	22.70	23.32	....
" "	N A	6/4	5 30 P	"	22.56	22.42	....
" "	Br 6	11/11	3 00 P	"	22.25	22.28	....
" "	N A	5/29	11 30 A	"	22.41	22.60	....
" "	Br 4	11/26	11 00 A	"	22.60	22.68	....
" "	N A	12/29	12 30 P	"	22.40	22.45	....
" "	Br 6	1/17	1 00 P	"	22.53	22.60	....
" "	Br 3	12/26	12 00 M	"	22.18	22.21	....
" "	Br 6	1/18	12 30 P	"	22.33	22.40	....
" "	N A	12/19	1 30 P	"	22.66	22.86	....
" "	Br 3	12/16	10 30 P	"	22.06	22.48	....
" "	N A	12/16	12 00 P	"	22.29	22.77	....
" "	Br 3	12/15	6 00 P	"	22.88	22.69	....
" "	Br 6	2/14	2 00 P	"	22.46	22.43	....
" "	Br 4	3/20	4 30 P	"	22.09	22.03	....
" "	Br 6	2/17	7 00 P	"	22.25	22.31	....
" "	Br 6	2/18	10 30 A	"	22.13	22.18	....
" "	Br 6	2/21	7 00 P	"	22.41	22.24	....
" "	N A	11/24	6 30 P	"	22.40	22.46	....
" "	Br 3	11/21	5 00 P	"	22.16	22.11	....
" "	N A	11/14	3 30 P	"	22.10	22.14	....
" "	Br 6	3/19	7 00 P	"	22.25	22.26	....
Grand	Br 3	7/25	2 45 P	Elsasser	23.38	23.42	....
"	Br 2	10/8	11 30 A	Strauss	22.10	22.31	....
"	Mutual	3/27	2 00 P	"	22.20	22.22	....
"	Br 2	5/13	3 30 P	Elsasser	22.82	22.86	....
"	Mutual	8/9	11 00 A	Strauss	22.09	22.11	....
"	Br 2	4/17	2 40 P	Strauss	24.76	24.73	....
"	N A	12/17	2 00 P	Elsasser	22.61	22.60	....
79th St.	Stand	12/19	2 00 P	Hirschewitz	22.76	22.72	....
" "	Br 6	4/24	3 45 P	"	22.90	22.96	....
" "	Stand	12/16	12 30 P	"	22.10	22.56	....
" "	N A	10/27	9 45 A	Elsasser	22.53	22.50	....
" "	Stand	12/13	4 00 P	Hirschewitz	22.71	22.77	....
" "	Br 6	5/26	11 45 A	"	22.33	22.21	....
" "	Br 3	9/16	3 30 P	"	22.77	22.25	....
" "	Br 6	6/21	10 00 A	"	22.40	22.37	....
" "	Stand	4/23	8 45 P	"	22.80	22.86	....
" "	N A	3/26	3 30 P	"	23.03	23.09	....
" "	Stand	4/7	9 00 P	"	22.25	22.11	....
" "	N A	2/21	7 30 P	"	22.59	22.32	....
" "	Br 4	6/4	4 30 P	"	22.73	22.26	....
" "	Stand	4/5	5 30 P	"	22.25	22.30	....
" "	Stand	1/4	1 00 P	"	22.02	22.09	....

1919

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
Grand	Br 3	6/27	4 35 P	Strauss	23.04	22.94	....
"	Pr 1	6/27	5 10 P	"	22.86	22.89	....
"	N A	5/15	12 15 P	Elsasser	22.86	22.88	....
"	Br 3	7/9	3 20 P	"	22.49	22.51	....
"	br 2	10/28	3 30 P	Strauss	23.47	23.26	....
"	Mutual	2/24	3 55 P	"	23.52	23.53	....
"	Br 1	7/22	2 20 P	Elsasser	22.32	22.50	....
"	Br 1	7/30	2 00 P	"	22.48	22.70	....
1918							
79th St.	Br 3	5/1	7 00 P	Hirschewitz	22.78	22.75	....
" "	Br 4	8/19	9 30 A	"	17.57	17.64	....
" "	N A	7/30	2 30 P	"	18.50	18.56	....
" "	Stand	1/25	1 30 P	"	18.97	19.40	....
" "	Br 6	4/15	5.00 P	"	23.68	23.74	....
" "	Br 3	5/11	5.00 P	"	22.09	22.58	....
" "	N A	7/25	11 00 A	"	19.06	19.02	....
" "	Br 4	8/9	10.30 A	"	18.28	18.05	....
" "	Br 3	5/21	2.30 P	"	22.17	22.23	....
" "	Stand	1/15	7.30 P	"	20.69	21.10	....
" "	Br 6	4/1	7.30 P	"	23.19	22.66	....
" "	Br 6	3/26	7.00 P	"	23.03	23.11	....
" "	Br 6	3/19	10.00 A	"	21.33	21.44	....
" "	N A	3/15	12.00 M	"	20.92	20.98	....
" "	Br 3	7/13	12.00 M	"	18.95	18.91	....
" "	Br 6	3/11	12.30 P	"	21.03	21.10	....
" "	N A	5/22	12.00 M	"	22.41	22.48	....
" "	N A	3/2	1.00 P M	"	21.70	21.63	....
" "	Br 3	7/25	9.30 A	"	18.50	18.46	....
" "	N A	5/17	3.30 P	"	22.47	22.53	....
" "	Br 6	2/25	12.30 P	"	21.32	21.36	....
" "	Br 6	1/31	2.15 P	"	21.15	21.25	....
" "	N A	1.29	4.00 P	"	20.99	20.90	....
" "	N A	1.28	1.00 P	"	20.86	20.70	....
Grand	Br 2	9/6	10.15 A	Hillig	15.36	15.39	....
"	Br 2	9/10	4.00 P	"	17.45	17.24	....
"	Br 2	7/17	5.30 P	"	16.64	15.64	....
"	Br 2	7/26	7.00 P	"	14.73	16.45	....
"	Br 2	7/31	11.10 A	"	14.34	14.26	....
"	Br 2	9/11	11.10 A	"	15.94	16.27	....
"	Mutual	7/16	3.30 P	"	16.59	15.59	....
"	Mutual	7/17	6.40 P	"	15.24	15.75	....
"	"	7.22	11.55 A	"	15.79	16.34	....
"	"	7/31	11.50 A	"	15.75	15.65	....
"	"	7/26	8.00 P	"	18.90	18.92	....
"	"	8/26	5.30 P	Straus	17.99	17.87	....
"	Br 1	5/23	3.55 P	Straus	19.70	19.49	....
"	Mutual	8/1	3.15 P	Hillig	16.68	17.26	....
"	N A	10.18	3.20 P	"	14.05	14.03	....
"	Br 2	1/12	11.35 A	Frank	21.70	21.74	....
"	Br 2	1/10	4.00 P	"	20.16	20.06	....
"	N A	10/9	11.50 A	Hillig	15.89	15.77	....
"	N A	10/22	11.50 A	"	13.31	13.41	....
79th St.	Stand	12/23	2.00 P	"	21.59	21.86	....
Grand	No. 2	2/2	10.55 A	Frank	20.73	20.76	....

1918

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
Grand	N A	4/8	9 05 P	Straus	20 64	21.36	....
79th	N A	12/26	1 30 P	Hirschewitz	21 54	21.60	....
"	Stand	7/16	11 30 A	"	19.15	19.10	....
"	Br 6	8/20	10 00 A	"	17.48	16.99	....
"	Stand	7/13	2 00 P	"	18 48	18.91	....
"	Br 6	8/27	12 00 N	"	19 88	19.83	....
Grand	N A	2/28	5 15 P	Frank	19 24	19.20	....
79th	N A	12/19	6 30 P	Hirschewitz	20 63	20.68	....
"	Br 4	11/27	9 30 P	"	17 10	17.14	....
"	Br 4	11/26	12 30 P	"	17 35	16.96	....
"	Br 4	11/25	10.00 A	"	17 81	17.88	....
"	Br 6	8/28	2.00 P	"	17 65	17.25	....
"	N A	12/17	11.30 A	"	18.39	18.35	....
"	Br 6	9/3	1 00 P	"	15.70	15.66	....
"	N A	12/7	11 30 A	"	18 66	18.72	....
"	N A	12/5	3 30 P	"	17 45	17.55	....
"	Br 4	12/21	11 30	"	19 00	19.11	....
"	N A	11/30	10 30 A	"	18 36	18.38	....
"	Br 4	12/20	1 30 P	"	21.00	21.21	....
"	Br 4	12/17	10 30 A	"	18.45	18.36	....
"	Br 4	12/5	2 30 P	"	16.93	16.99	....
"	Stand	7/29	4 00 P	"	18.13	17.98	....
"	Stand	7/25	11.30 A	"	18 80	18.76	....
"	Br 6	9/21	10 00 A	"	12.76	12.24	....
"	Stand	11/25	11 30 A	"	18 10	18.14	....
"	"	10/30	12.00 M	"	16.50	16.54	....
"	Br 3	8/19	9.00 A	"	17.78	17.80	....
"	Br 3	8/16	10.00 A	"	18.73	18.04	....
"	N A	2/13	7 30 P	"	20 93	20.88	....
"	Br 3	8/20	9 00 A	"	17.16	16.59	....
"	N A	2/2	11 30 A	"	20.67	20.72	....
"	Br 4	6/18	2.30 P	"	19.58	19.54	....
"	Br 3	9/4	9 00 A	"	17.75	17.57	....
"	N A	1/15	7.00 P	"	20 75	21.04	....
"	N A	3/25	10.30 A	"	22.18	22.22	....
"	Br 6	1/19	11.30 A	"	20 89	21.09	....
"	Br 4	2/4	2.00 P	"	20 39	20.34	....
"	Br 3	11/30	9 00 A	"	18.09	18.04	....
"	Br 3	11/7	4.00 P	"	16.17	16.20	....
"	Br 3	11/19	11 00 A	"	15.81	15.83	....
"	Br 4	1/19	9.50 A	"	20.94	20.98	....
"	Br 3	12/20	1.00 P	"	20 68	20.88	....
"	Br 4	5/1	7.30 P	"	22 62	22.59	....
"	Br 4	4/13	11 00 A	"	22.07	21.05	....
"	Br 4	4/18	12.30 P	"	23.79	23.58	....
"	N A	4/24	1.30 P	"	21.69	21.60	....

1918

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
Grand	Br 3	7/25	2.15 P	Hillig	17.11	17.12	....
"	Br 3	1/12	11.00 A	"	22.38	22.91	....
"	Mutual	10/24	11.30 A	"	12.74	11.16	....
"	Br 3	10/9	11.10 A	"	14.73	14.83	....
"	Br 3	11/14	11.20 A	"	15.25	15.29	....
"	Br 3	9/27	11.05 A	"	14.13	14.22	....
"	Br 3	11/30	12.20 P	"	20.54	20.67	....
"	Br 3	10/17	3.00 P	"	14.00	14.20	....
"	Br 3	8/3	11.15 A	"	16.74	16.22	....
"	Br 1	12/10	2.05 P	Straus	23.47	23.50	....
"	Br 2	12/23	5.45 P	"	22.46	22.49	....
"	Br 1	11/27	11.10 A	Hillig	19.18	19.15	....
"	Br 3	7/23	7.25 P	"	15.77	15.79	....
"	Br 1	8/26	6.05 P	Straus	17.18	17.06	....
"	Br 3	9/23	11.20 A	Hillig	13.95	13.99	....
"	Br 1	10/2	2.40 P	"	20.30	19.28	....
"	Br 1	9/23	10.40 A	"	13.92	13.80	....
"	Br 1	10/17	2.20 P	"	12.55	12.75	....
"	Mutual	11/14	11.40 A	"	13.95	14.04	....
"	Br 3	9/28	2.40 P	"	15.05	15.08	....
"	Br 3	9/30	2.55 P	"	16.21	16.23	....
"	Br 3	10/24	11.15 A	"	14.30	14.31	....
"	Br 3	10/21	3.25 P	"	15.43	15.08	....
"	Mutual	10/31	11.30 A	"	11.44	9.09	....
"	Br 3	10/28	11.00 A	"	16.69	16.70	....
"	Br 3	3/14	3.00 P	Frank	22.22	22.42	....
"	Mutual	9/18	3.35 P	Hillig	12.41	11.80	....
"	Br 3	12/12	6.30 P	Straus	23.48	23.50	....
"	Mutual	10/1	11.45 A	Hillig	13.04	13.02	....
"	Mutual	9/30	3.20 P	"	16.86	16.48	....
"	Mutual	9/23	11.40 A	"	8.77	9.07	....
"	Mutual	9/26	4.10 P	"	15.41	15.45	....
"	Br 2	10/22	10.50 A	"	10.98	10.89	....
"	Br 2	10/21	3.05 P	"	15.06	15.03	....
"	Br 2	10/17	2.40 P	"	14.70	15.79	....
"	Br 1	9/16	10.30 A	"	14.02	14.18	....
"	Mutual	9/13	12.00 M	"	12.85	12.91	....
"	"	9/5	4.45 P	"	15.60	15.44	....
"	"	9/14	1.10 P	"	10.44	11.97	....
"	"	9/16	11.25 A	"	11.54	11.98	....
"	Br 2	10/2	3.20 P	"	19.56	19.74	....
"	Br 1	7/16	12.15 P	"	18.24	18.11	....
"	Br 2	10/25	2.50 P	"	16.43	16.06	....
"	Br 1	7/31	10.35 A	"	13.44	13.35	....
"	Br 2	9/30	2.35 P	"	14.72	16.14	....

1918

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
Grand	Br 2	9/16	10 45 A	Hillig	14 32	14 43	
"	Br 2	2/28	2 45 P	Frank	20 04	19 96	
"	N A	11/20	11 50 A	Hillig	15 84	16 00	
79th	Stand	9/4	11 00 A	Hirschewitz	17 01	17 10	
"	"	9/26	3 00 P	"	16 89	16 92	
"	"	9/6	11 00 A	"	17 00	16 91	
Grand	Mutual	1/28	4 55 P	Frank	19 19	19 24	
79th	Br 6	10/31	1 00 P	Hirschewitz	16 54	16 57	
Grand	Mutual	1/15	4 30 P	Frank	19 05	18 41	
"	Mutual	1/5	12 20 P	"	18 46	18 58	
79th	Br 6	11/6	3 00 P	Hirschewitz	16 96	17 17	
"	Br 6	11/4	10 30 A	"	16 00	16 06	
Grand	Br 2	2/20	2 35 P	Frank	20 82	20 72	
79th	Br 6	11/12	10 30 A	Hirschewitz	16 17	16 21	
Grand	N A	8/9	11 20 A	Straus	18 21	18 23	
"	N A	8/7	2 10 P	"	16 97	17 00	
79th	Stand	10/31	2 00 P	Hirschewitz	16 69	16 71	
Grand	N A	7 31	12 15 P	Hillig	15 57	15 46	
"	N A	7/16	4 15 P	Hillig	15 51	15 89	
79th	Br 6	12/4	6 00 P	Hirschewitz	18 40	18 83	
Grand	N A	7/27	12 00 N	Hillig	18 46	18 55	
79th	Br 6	11/27	10 00 P	Hirschewitz	17 02	17 06	
Grand	N A	7/23	8 15 P	Hillig	18 00	18 02	
79th	Br 6	12/5	3 00 P	Hirschewitz	17 19	17 29	
Grand	N A	8/8	1 30 P	Straus	16 69	16 71	
79th	Br 3	6/3	3 00 P	.....	21 77	21 98	
"	Br 3	6/7	9 30 A	.....	20 49	20 50	
"	Br 3	6/24	2 00 P	.....	18 20	18 41	
"	Br 3	7/1	12 00 P	.....	17 52	17 60	
"	Br 3	7/10	9 30 A	.....	17 41	17 30	
"	Br 3	7/15	9 00 A	.....	17 85	17 62	
"	Br 3	6/1	9 00 A	.....	19 06	19 08	
"	Br 3	11/25	9 30 A	.....	18 38	18 16	
Grand	Br 3	9/11	11 30 A	Hillig	15 27	15 30	
"	Br 3	9/9	11 50 A	"	14 90	14 93	
"	Br 3	9/16	11 05 A	"	14 64	14 62	
"	Br 3	9/4	3 40 P	"	13 38	13 36	
"	Br 3	7/31	11 35	"	14 13	14 25	
"	Br 3	3/9	11 30 A	Frank	22 20	22 24	
"	Br 3	4/1	12 15 P	Straus	22 78	22 80	
"	Br 3	2/8	2 10 P	Frank	21 01	21 05	
"	Br 3	8/8	10 35 A	Straus	18 44	18 46	

1918

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
79th St.	Stand	12/14	3.00 P	Hirschewitz	21.12	20.92	....
Grand	N A	9/16	11.45 A	Hillig	14.30	14.75	....
79th St.	Stand	12/11	7.00 P	Hirschewitz	19.88	19.43	....
Grand	N A	9/5	5.00 P	Hillig	18.86	16.95	....
79th St.	Stand	4/25	12 M	Hirschewitz	22.13	22.08	....
" "	Br 4	9/18	11.30 A	"	14.10	14.12	....
" "	Br 6	6/27	2.30 P	"	18.23	18.42	....
" "	Stand	4/23	7.00 P	"	21.10	21.14	....
" "	N A	9/13	11.00 A	"	15.16	15.08	....
" "	Br 3	2/6	3.00 P	"	20.46	20.41	....
" "	N A	9/11	11.30 A	"	14.65	14.62	....
" "	Br 6	6/18	3.00 P	"	19.59	19.55	....
" "	N A	9/4	10.30 A	"	17.04	17.14	....
" "	Br 4	9/11	10.30 A	"	14.84	14.88	....
" "	N A	8/27	12.30 A	"	19.81	19.75	....
" "	N A	8/26	10.30 A	"	18.28	18.32	....
" "	Br 6	5/28	12 M	"	22.36	22.34	....
" "	Stand	3/7	8.00 P	"	22.05	21.90	....
" "	N A	8/20	10.30 A	"	17.18	16.60	....
" "	Stand	3/2	1.30 P	"	21.58	21.52	....
" "	N A	8/19	10.30 A	"	17.66	18.07	....
" "	Br 4	8/23	1.30 P	"	20.42	20.32	....
" "	N A	8/9	11.30 A	"	18.37	18.13	....
" "	Stand	2/7	1.30 P	"	21.53	21.58	....
" "	Br 4	8/20	9.30 A	"	17.35	16.76	....
" "	Stand	12/5	4.00 P	"	17.58	17.68	....
" "	Br 6	12/31	10.30 A	"	20.99	21.06	....
" "	Stand	12/4	7.00 P	"	19.57	19.40	....
" "	Br 6	12/19	6.00 P	"	20.91	20.97	....
" "	Br 6	12/17	11.00 A	"	18.60	18.51	....
" "	Stand	9/27	11.30 A	"	16.51	16.48	....
" "	"	12/17	12.00 M	"	18.81	18.73	....
" "	"	12/21	1.00 P	"	19.72	19.76	....
Grand	Br 2	5/6	11.05 A	Straus	19.38	19.16	....
79th St.	Stand	8/22	3.00 P	Hirschewitz	18.18	18.09	....
" "	"	8/20	11.00 A	"	17.53	16.93	....
" "	"	8/9	12.00 M	"	18.11	17.88	....
" "	"	6/18	4.00 P	"	19.25	19.69	....
" "	Br 6	8/9	11.00 A	"	17.70	17.48	....
" "	Stand	6/12	12.00 M	"	20.31	20.36	....
" "	"	6/10	11.00 A	"	21.38	21.28	....
Grand	N A	1/17	5.40 P	Frank	21.62	21.65	....
79th St.	Br 6	7/25	10.30 A	Hirschewitz	18.64	18.60	....
" "	Br 4	10/3	5.50 P	Wacker	15.22	15.00	....
" "	N A	9/30	11.30 A	Hirschewitz	16.33	16.36	....
" "	N A	9/28	1.30 P	"	16.43	16.05	....
" "	N A	9/27	11.00 A	"	16.69	16.64	....
" "	Stand	5/17	4.00 P	"	22.44	22.50	....
" "	N A	9/24	12.30 P	"	12.89	12.82	....
" "	N A	9/21	10.30 A	"	12.38	12.36	....
" "	Stand	5/8	7.00 P	"	22.85	22.78	....

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
Grand	Mutual	5/18	3.15 P	Straus	22.11	22.07	....
"	"	5/14	2.15 P	"	22.34	22.39	....
"	"	4/30	11.30 A	"	22.97	22.76	....
"	N A	8/2	1.30 P	"	22.87	22.93	....
79th	Br 4	10/15	12.45 P	Hirschewitz	22.37	22.39	....
Grand	N A	7/31	2.30 P	Straus	22.28	22.31	....
"	N A	5/22	2.00 P	"	22.03	22.06	....
79th	N A	10/9	3.00 P	Hirschewitz	22.40	22.44	....
"	Br 3	2/13	5.30 P	"	22.37	22.39	....
"	Br 6	5/31	1.00 P	"	22.33	22.37	....
"	Br 4	11/16	2.30 P	"	22.17	22.21	....
"	Br 3	2/16	1.30 P	"	22.61	22.63	....
"	N A	9/28	3.00 P	Birdsley	23.65	23.69	....
"	Br 3	2/23	10.00 A	Hirschewitz	22.11	22.12	....
"	Br 4	11/10	1.30 P	"	23.19	23.29	....
"	N A	9/14	2.00 P	"	22.45	22.49	....
"	Br 6	6/19	2.30 P	"	22.47	22.54	....
"	Br 4	11/7	1.30 P	"	22.47	22.50	....
"	Br 3	3/1	12.30 P	"	22.35	22.36	....
"	Br 4	11/3	3.30 P	"	23.04	23.08	....
"	Br 4	11/5	11.30 A	"	22.17	22.31	....
"	Stand	10/24	6.00 P	"	22.89	22.88	....
"	N A	7/31	4.50 P	Wacker	22.27	22.25	....
"	Br 6	7/12	6.00 P	Hirschewitz	23.10	23.12	....
"	Br 6	4/5	7.10 P	Hirschewitz	22.59	22.70	....
Grand	Br 2	1/17	3.20 P	Maxon	22.76	22.83	....
79th	Br 6	4/9	1.00 P	Hirschewitz	22.58	22.61	....
"	N A	12/4	3.40 P	Frank	23.42	23.45	....
Grand	Br 2	3/30	3.25 P	Straus	22.28	22.30	....
79th St.	Br 6	4/12	2.00 P	Hirschewitz	22.43	22.41	....
"	Br 6	3/27	1.00 P	"	22.31	22.83	....
"	Br 4	12/28	12.00 N	"	22.05	22.57	....
"	Stand	12/15	2.35 P	Frank	23.01	22.80	....
"	"	12/18	4.50 P	"	24.32	24.18	....
"	Br 3	1/8	3.15 P	Hirschewitz	22.35	22.38	....
"	N A	11/10	2.30 P	"	23.10	23.17	....
"	Br 6	5/1	5.00 P	"	22.63	22.49	....
"	N A	11/7	3.00 P	"	22.34	22.37	....
"	Br 4	12/18	3.15 P	Frank	23.09	22.96	....
"	Br 6	5/7	2.00 P	Hirschewitz	22.49	22.60	....
"	Stand	12/13	4.30 P	Frank	22.04	22.01	....
"	N A	11/5	12.30 P	Hirschewitz	22.96	22.95	....
"	N A	11/27	3.30 P	"	22.33	22.85	....
"	N A	10/25	7.00 P	"	23.38	23.23	....
"	Br 6	5/17	7.30 P	"	22.22	22.16	....
"	Br 6	5/18	12.00 N	"	22.96	22.95	....
"	Stand	11/10	3.00 P	"	22.96	23.03	....
"	Br 3	1/31	12.30 P	"	22.64	22.67	....
"	Br 3	2/10	2.00 P	"	23.16	22.67	....
"	Stand	3/9	6.00 P	"	23.01	22.96	....

1917

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
Grand	Br 2	8/21	6.35 P	Wacker	20.84	20.78	....
"	Br 3	9/24	4.15 P	Straus	20.86	20.83	....
"	Br 3	11/23	2.00 P	Frank	21.04	21.15	....
"	N A	12/8	12.25 P	Straus	20.38	20.41	....
"	Br 3	7/31	3.00 P	Straus	21.38	21.41	....
"	Br 3	7/23	6.45 P	Wacker	21.39	21.12	....
"	N A	8/1	1.45 P	Straus	21.32	21.37	....
"	Br 1	1/2	2.20 P	Maxon	21.12	21.10	....
79th	Br 4	1/3	11.45 A	Hirschewitz	21.10	21.12	....
Grand	Mutual	1/2	11.40 A	Maxon	21.43	21.45	....
"	Mutual	1/6	9.45 A	"	21.06	21.11	....
"	"	1/6	11.45 A	"	20.28	20.40	....
79th	Br 4	8/6	7.05 P	Wacker	21.13	21.18	....
"	Br 4	8/27	3.00 P	Frank	21.75	21.69	....
"	Br 6	8/8	4.35 P	Wacker	21.35	21.38	....
"	Br 3	2/1	2.00 P	Hirschewitz	21.45	21.43	....
"	Br 4	12/27	1.30 P	"	20.75	20.79	....
"	Br 3	8/4	10.45 A	Wacker	21.05	21.08	....
"	Br 3	8/1	4.45 P	"	21.69	21.67	....
"	Stand	11/23	1.30 P	Hirschewitz	19.92	19.87	....
"	Br 3	11/26	12.00 N	"	21.80	21.83	....
"	N A	11/20	2.30 P	"	21.96	21.91	....
Grand	N A	1/17	2.30 P	Maxon	23.16	23.22	....
79th	Br 6	3/8	3.45 P	Hirschewitz	23.08	22.01	....
Grand	N A	1/10	3.00 P	Maxon	23.86	23.84	....
79th	Br 6	3/17	11.20 A	Hirschewitz	22.66	22.76	....
"	Br 6	5/23	6.30 P	"	22.92	23.13	....
"	Stand	11/5	1.00 P	"	23.00	22.96	....
"	Br 3	2/21	2.45 P	"	22.20	22.16	....
"	Stand	10/9	5.00 P	"	23.14	23.18	....
"	Br 6	7/14	4.00 P	"	22.98	22.96	....

1910

1	2	3	4	5	6	7	8
Station	Gas Claimed to be Tested	Date	Time	Tester	C. P. Certified by City	C. P. as Computed by Terry from City Tables	C. P. as Computed by Birdsley
79th St.	N A	1/11	1.30 P	Hirschewitz	21.59	21.57	....
" "	N A	1/11	3.30 P	"	21.40	21.41	....
" "	Br 6	9/30	1.30 P	"	20.84	20.87	....
" "	Br 6	7/31	12 Noon	"	21.67	21.66	....
" "	Stand	6/19	1.30 P	"	21.66	21.99	....
" "	"	6/19	2.00 P	"	21.68	22.00	....
Grand	Br 2	1/12	2.55 P	Wacker	20.49	20.45	....
"	Br 3	10/2	11.40 A	Brierley	19.48	19.58	....
"	Br 2	1/10	4.30 P	Wacker	20.89	20.81	....
"	Br 3	9/26	3.30 P	Brierley	21.41	21.31	....
79th St.	Br 6	10/24	8.30 P	"	21.93	21.43	....
" "	N A	4/21	1.15 P	Hirschewitz	21.00	20.94	....
Grand	Br 2	2/21	4.00 P	Wacker	20.88	20.41	....
79th St.	N A	5/19	1.30 P	Hirschewitz	20.85	20.90	....
" "	N A	4/28	2.30 P	"	21.83	21.79	....
" "	Br 4	1/11	2.00 P	"	21.77	21.79	....
" "	Br 3	2/11	1.30 P	"	21.40	21.45	....
" "	Br 6	12/29	12 M	"	21.78	21.99	....
" "	N A	6/19	1.00 P	"	21.34	21.62	....
" "	N A	6/19	2.30 P	"	21.21	21.48	....
Grand	Br 3	9/16	11.55 A	Brierley	21.14	21.06	....
79th St.	Br 4	1/18	2.30 P	Hirschewitz	20.97	21.00	....
Grand	Mutual	1/21	3.00 P	Wacker	20.05	20.06	....
"	"	10/19	3.30 P	Straus	21.92	21.95	....
"	"	10/3	4.35 P	Brierley	20.22	20.18	....
79th St.	N A	7/31	11.00 A	Hirschewitz	21.33	21.32	....
Grand	Mutual	2/15	4.45 P	Casassa	21.43	21.42	....
79th St.	Br 4	3/23	1.30 P	Hirschewitz	19.22	19.26	....
" "	Stand	10/11	2.00 P	"	21.62	21.14	....
Grand	Mutual	2/16	2.55 P	Wacker	21.18	21.38	....
79th St.	Br 3	9/12	1.00 P	"	21.38	21.06	....
Grand	Br 1	4/6	5.25 P	Wacker	20.52	20.55	....
"	Mutual	2/21	3.10 P	"	20.95	20.94	....
"	N A	6/22	3.10 P	Conklin	21.43	21.45	....
79th St.	N A	10/11	1.30 P	Hirschewitz	20.86	20.89	....
" "	Br 3	10/13	2.00 P	"	21.82	21.85	....
" "	Br 3	10/18	3.00 P	Brierley	21.56	21.76	....
Grand	Br 1	3/21	5.45 P	Wacker	21.91	21.86	....
79th St.	Br 4	9/30	2.00 P	Hirschewitz	19.91	20.12	....
Grand	Mutual	7/21	6.40 P	Straus	21.76	21.77	....
79th St.	Br 4	10/13	2.30 P	Hirschewitz	21.30	21.40	....
Grand	Br 3	2/23	3.20 P	Wacker	21.53	21.50	....
Grand	Mutual	5/18	5.00 P	Straus	21.81	21.78	....

COMPLAINANT'S EXHIBIT 478.

(47 Meteorological Reports) 1919, 1918, 1917-1916.
U. S. Department of Agriculture. Weather Bureau.
MONTHLY METEOROLOGICAL SUMMARY.
WITH COMPARATIVE DATA.
NEW YORK, N. Y. MONTH OF JANUARY, 1919

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
W 1	60	41	50	+18
T 2	60	37	48	+17
F 3	37	30	34	+ 3
S 4	30	17	24	— 7
S 5	30	14	22	— 9
M 6	30	19	24	— 6
T 7	40	25	32	+ 2
W 8	40	30	35	+ 5
T 9	38	19	28	— 2
F 10	30	9	20	—10
S 11	39	12	26	— 4
S 12	28	9	18	—12
M 13	33	17	25	— 5
T 14	43	30	36	+ 6
W 15	43	34	38	+ 8
T 16	44	28	36	+ 6
F 17	45	35	40	+10
S 18	46	36	41	+11
S 19	45	34	40	+10
M 20	44	30	37	+ 7
T 21	46	34	40	+10
W 22	47	39	43	+13
T 23	48	41	44	+14
F 24	44	28	36	+ 6
S 25	47	26	36	+ 6
S 26	51	36	44	+14
M 27	50	35	42	+12
T 28	46	33	40	+10
W 29	41	33	37	+ 7
T 30	42	32	37	+ 7
F 31	41	29	35	+ 5
Month	Mean 42.2	Mean 28.1	Mean 35.2	Blank .....
Normal	37.6	24.1	30.2	Blank .....

Atmospheric Pressure
(Reduced to sea-level; inches)

Mean	30.04
Highest	30.74 on the 12th
Lowest	29.44 on the 24th
Highest recorded for this month since 1882	30.92 on the 2d in 1899
Lowest recorded for this month since 1882	28.61 on the 3d in 1913

Temperature

Highest	60 on the 1st
Lowest	9 on the 10th
Greatest daily range	27 on the 11th
Least daily range	7 on the 23rd
Average daily excess of this month as compared with the normal	5.0
Accumulated excess since January 1st	152
Average daily excess since January 1st	5.0
Highest for this month since 1871	67 on 12th in 1890
Lowest for this month since 1871	6 on 10th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	42	43	45	46	48	49	51	53	54	54	55	56	56	55	55	55	56	56	57	57	57	58	59	60
2	59	59	58	57	56	54	48	46	45	44	42	42	42	41	41	42	42	41	40	39	38	37	37	37
3	36	36	36	36	36	35	33	33	33	33	33	33	36	37	34	34	34	34	34	34	33	32	31	30
4	30	30	29	27	26	24	22	23	23	22	23	22	23	26	24	23	22	21	20	19	19	18	18	17
5	17	16	16	16	16	15	14	14	15	18	20	23	27	29	30	30	29	28	27	26	28	24	23	22
6	25	25	23	21	21	20	19	22	21	22	24	25	26	28	30	30	28	28	28	28	30	29	29	30
7	30	30	27	25	25	26	27	29	31	33	35	36	37	38	40	40	38	37	37	36	35	35	35	35
8	35	34	34	34	34	33	30	33	33	32	33	34	37	39	40	40	38	37	36	35	34	32	33	33
9	32	33	32	31	32	33	33	33	30	32	33	34	34	35	37	38	36	35	33	33	26	23	21	19
10	17	15	14	12	11	10	9	12	15	17	19	20	22	26	28	30	29	29	29	29	30	30	30	29
11	28	28	28	29	31	30	31	31	34	37	39	35	33	32	29	25	22	20	18	16	14	13	12	12
12	12	12	11	11	11	10	9	10	12	13	17	20	23	26	28	27	26	25	24	25	25	25	24	22
13	22	22	22	22	20	18	17	18	22	26	27	28	30	32	33	33	32	32	32	32	33	33	32	32
14	32	31	31	30	30	31	31	33	33	35	36	38	39	41	43	43	42	41	40	40	39	39	40	42
15	43	43	41	39	38	38	37	36	37	38	39	40	40	41	42	40	38	38	37	35	35	35	34	34
16	34	33	30	29	28	29	28	29	31	32	35	37	42	44	43	43	42	41	40	40	39	39	37	35
17	35	36	37	36	36	36	36	36	37	38	39	40	41	44	45	45	44	44	44	43	43	42	43	43
18	44	44	46	45	44	42	40	41	41	40	42	43	44	46	42	42	44	43	42	42	42	40	38	36
19	38	38	39	39	39	39	39	40	40	41	43	44	44	45	44	43	41	39	38	37	36	36	35	34
20	33	32	32	31	31	32	30	32	34	37	39	40	43	44	43	42	41	40	41	40	38	38	38	37
21	36	37	37	37	38	37	36	35	38	42	46	44	45	45	43	43	43	42	41	41	42	42	42	41
22	40	40	40	39	39	40	40	41	42	43	43	44	44	45	45	45	47	47	45	44	43	44	44	43
23	42	41	42	41	43	43	43	43	41	42	42	43	43	43	44	45	45	45	46	47	48	48	42	44
24	43	44	43	42	41	41	41	41	43	43	41	40	41	41	40	40	38	37	34	33	31	30	29	28
25	27	27	27	26	26	26	26	27	31	35	36	38	41	44	47	47	45	43	41	41	41	41	41	40
26	39	40	39	39	39	38	37	38	36	37	38	39	44	48	50	51	50	48	45	43	42	42	41	39
27	38	38	38	38	37	36	35	35	38	40	44	45	47	48	49	50	48	46	45	44	41	38	37	36
28	35	35	35	34	34	34	35	34	35	40	41	45	46	44	42	41	41	44	44	43	42	42	43	41
29	40	41	38	36	38	38	37	37	36	37	39	38	40	37	38	38	39	37	35	34	33	33	33	34
30	33	33	33	32	32	32	33	33	35	36	37	38	39	40	41	42	42	41	40	39	39	38	37	37
31	36	39	39	38	37	37	36	35	36	37	39	40	41	41	40	39	36	34	33	32	29	30	30	31

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF FEBRUARY, 1919.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
S 1	34	24	29	— 1
S 2	41	25	33	+ 3
M 3	49	25	37	+ 7
T 4	43	33	38	+ 8
W 5	42	28	35	+ 5
T 6	39	26	32	+ 2
F 7	41	24	32	+ 2
S 8	37	32	34	+ 4
S 9	35	26	30	0
M 10	32	19	26	— 4
T 11	38	16	27	— 3
W 12	35	29	32	+ 2
T 13	47	31	39	+ 9
F 14	46	38	42	+12
S 15	46	37	42	+12
S 16	40	28	34	+ 3
M 17	41	26	34	+ 3
T 18	38	25	32	+ 1
W 19	38	22	30	— 1
T 20	43	23	33	+ 2
F 21	38	32	35	+ 4
S 22	39	35	37	+ 6
S 23	46	33	40	+ 8
M 24	47	35	41	+ 9
T 25	44	34	39	+ 7
W 26	46	23	34	+ 2
T 27	42	22	32	0
F 28	51	33	42	+ 9
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
Month	Mean 41.4	Mean 28.0	Mean 34.7	Blank .....
Normal	37.7	23.6	30.7	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.97
Highest	30.44 on the 20th
Lowest	29.27 on the 15th
Highest recorded for this month since 1882	30.94 on the 5th in 1887
Lowest recorded for this month since 1882	28.70 on the 6th in 1896

Temperature.

Highest	51 on the 28th
Lowest	16 on the 11th
Greatest daily range	24 on the 3d
Least daily range	4 on the 22d
Average daily excess of this month as compared with the normal	4.0
Accumulated excess since January 1st	263
Average daily excess since January 1st	4.5
Highest for this month since 1871	69 on 5th in 1890
Lowest for this month since 1871	7 on 5th in 1918

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	30	30	29	28	27	28	26	28	24	27	29	31	33	34	34	34	31	29	28	27	26	25	24	25
2.....	25	26	26	26	26	26	26	26	28	30	32	34	33	39	41	40	37	35	33	32	29	29	29	28
3.....	27	27	26	26	26	25	26	27	29	32	35	38	44	49	46	43	42	40	39	40	38	37	36	35
4.....	35	36	36	33	34	37	36	36	39	40	41	40	43	40	40	38	37	38	38	38	38	38	36	36
5.....	36	36	36	36	37	36	34	33	35	35	36	38	40	42	41	39	35	34	34	33	32	32	30	28
6.....	27	27	27	27	27	26	26	26	28	29	31	32	35	37	37	39	38	35	33	32	30	30	29	29
7.....	28	27	26	26	26	24	25	26	29	31	33	35	38	40	40	41	39	38	37	36	35	33	34	33
8.....	32	32	33	33	35	36	35	33	32	33	33	33	34	37	36	35	34	35	34	33	33	34	33	32
9.....	32	31	32	32	29	27	28	28	26	27	29	32	34	35	34	34	33	32	32	31	30	30	28	26
10.....	26	24	22	22	21	20	20	20	22	23	24	25	27	29	31	32	32	31	28	27	25	24	22	20
11.....	19	18	18	17	16	17	17	18	21	23	25	27	31	37	36	38	37	35	34	33	32	31	30	30
12.....	30	30	30	29	29	29	30	31	33	34	32	31	35	35	34	34	33	34	34	34	35	35	34	35
13.....	33	32	31	31	31	32	33	34	35	40	41	43	45	46	43	41	39	39	39	38	38	38	37	38
14.....	38	38	38	39	40	40	41	42	40	41	42	42	43	44	45	45	46	41	39	41	40	38	39	39
15.....	38	38	38	39	40	40	39	38	37	37	39	40	42	44	46	44	44	43	41	40	40	39	39	38
16.....	37	36	37	36	35	35	34	33	33	35	36	36	37	38	40	40	39	37	35	33	31	30	29	28
17.....	27	26	26	26	26	27	28	29	30	31	33	34	37	39	41	40	40	38	36	34	33	33	34	34
18.....	32	32	32	31	29	28	28	29	28	31	33	35	37	38	37	36	34	33	31	30	29	28	27	25
19.....	25	24	24	23	23	22	22	23	25	28	30	32	35	38	38	37	34	33	31	29	28	27	26	25
20.....	24	24	23	23	24	25	26	27	28	31	34	36	38	40	41	42	43	43	42	41	40	39	38	38
21.....	37	36	36	36	36	35	34	34	37	36	35	35	34	32	34	34	35	35	35	35	36	36	34	35
22.....	35	35	35	35	35	36	36	36	35	36	37	37	39	38	38	37	35	35	36	36	36	36	36	37
23.....	37	37	38	39	33	36	38	37	35	36	39	43	45	46	45	44	43	42	41	39	39	39	39	40
24.....	41	40	40	39	38	38	37	37	38	40	44	43	44	45	46	47	46	44	42	40	39	37	36	35
25.....	34	34	35	35	35	34	35	36	36	37	38	39	41	42	42	41	40	40	40	39	39	40	42	44
26.....	46	40	40	38	39	39	35	33	29	30	31	32	32	33	34	33	32	30	29	27	26	25	24	23
27.....	22	23	23	24	24	25	24	25	27	30	33	36	37	38	40	41	42	42	41	39	37	36	35	34
28.....	33	33	34	34	35	35	36	38	40	41	44	46	47	49	50	49	47	48	48	47	47	46	48	49
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF MARCH, 1919.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
S 1	53	33	43	+10
S 2	46	28	37	+ 3
M 3	54	35	44	+10
T 4	58	37	48	+14
W 5	58	43	50	+16
T 6	44	28	36	+ 2
F 7	42	28	35	0
S 8	47	34	40	+ 5
S 9	56	36	46	+11
M 10	51	36	44	+ 8
T 11	48	37	42	+ 6
W 12	50	34	42	+ 6
T 13	59	36	48	+12
F 14	36	26	31	— 6
S 15	37	30	34	— 3
S 16	40	35	38	0
M 17	55	39	47	+ 9
T 18	62	40	51	+13
W 19	44	36	40	+ 2
T 20	60	41	50	+11
F 21	65	46	56	+17
S 22	47	36	42	+ 3
S 23	56	31	44	+ 4
M 24	54	40	47	+ 7
T 25	62	36	49	+ 9
W 26	58	40	49	+ 9
T 27	57	37	47	+ 6
F 28	37	22	30	—11
S 29	31	24	28	—14
S 30	44	26	35	— 7
M 31	38	23	30	—12
Month	Mean 50.0	Mean 34.0	Mean 42.0	Blank .....
Normal	45.2	30.7	37.5	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.10
Highest	30.83 on the 15th
Lowest	29.42 on the 28th
Highest recorded for this month since 1882	30.95 on the 18th in 1913
Lowest recorded for this month since 1882	28.38 on the 1st in 1914

Temperature.

Highest	65 on the 21st
Lowest	22 on the 28th
Greatest daily range	26 on the 25th
Least daily range	5 on the 16th
Average daily excess of this month as compared with the normal	4.5
Accumulated excess since January 1st	403
Average daily excess since January 1st	4.5
Highest for this month since 1871	78 on 30th in 1910
Lowest for this month since 1871	3 on 5th in 1872

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	47	48	47	47	48	48	48	48	50	53	52	52	53	53	53	52	50	46	41	38	36	35	34	33
2	32	31	30	30	30	28	29	30	30	29	34	40	43	46	45	46	41	39	38	38	38	38	37	36
3	36	36	37	36	35	38	41	38	39	38	41	46	49	50	52	54	54	53	50	48	47	46	43	41
4	41	40	40	39	39	37	38	40	43	47	51	53	56	57	58	58	56	53	51	50	47	46	47	46
5	46	47	46	46	46	45	44	45	48	50	51	52	55	57	58	58	55	54	53	53	52	53	52	43
6	38	36	34	32	30	28	29	30	28	30	33	36	38	40	41	43	44	44	41	38	37	32	34	33
7	32	30	31	28	29	33	35	36	38	38	39	40	41	41	41	42	40	41	39	39	38	38	37	37
8	36	35	35	34	35	36	37	39	40	42	44	45	46	46	44	43	41	40	40	39	38	37	36	37
9	36	37	37	38	38	39	41	42	45	47	50	52	53	54	55	56	56	55	54	53	51	47	44	42
10	40	39	38	37	36	36	36	38	40	41	44	46	48	49	51	50	49	48	47	46	46	45	44	43
11	42	41	41	41	41	40	42	43	40	41	42	43	45	48	48	47	44	42	40	39	39	38	38	37
12	36	35	35	35	34	34	35	37	38	39	42	43	46	47	48	49	50	49	47	46	45	44	42	40
13	39	39	38	38	37	37	38	39	44	48	51	54	56	58	56	50	44	41	40	38	37	37	36	36
14	35	34	32	31	30	29	29	28	28	28	27	27	27	26	26	26	27	28	29	30	31	32	33	33
15	34	33	34	33	33	32	32	31	31	33	35	36	37	37	37	36	36	37	36	36	34	34	35	35
16	35	36	36	36	36	36	37	37	36	36	36	36	36	36	37	38	38	38	38	38	39	39	40	40
17	40	40	39	39	39	40	40	41	43	42	44	47	50	52	55	54	51	50	52	53	51	50	50	50
18	49	48	47	48	52	49	51	52	52	51	52	51	56	60	62	61	55	52	48	45	43	42	41	40
19	40	40	39	38	36	36	37	39	39	40	40	40	39	40	41	42	44	42	41	42	44	44	44	44
20	46	45	45	44	43	42	41	42	44	46	50	53	54	59	59	58	58	57	60	59	58	56	54	55
21	54	53	52	50	51	48	47	48	54	55	58	60	63	64	65	65	63	60	58	57	54	52	49	46
22	44	43	42	41	41	40	39	39	41	43	44	44	45	46	47	47	46	45	44	43	42	40	38	36
23	34	33	32	31	33	34	35	37	39	41	43	45	47	48	51	53	55	56	54	50	48	47	47	47
24	47	45	45	44	43	42	41	42	41	43	47	49	50	50	52	53	54	54	53	52	50	48	46	43
25	42	41	41	40	38	36	38	40	42	44	48	51	54	57	60	62	61	55	50	47	45	45	44	44
26	43	43	42	41	40	40	41	43	49	55	56	58	53	52	53	53	52	50	48	47	46	45	47	48
27	50	49	50	50	50	50	50	49	46	53	55	56	53	53	52	51	49	50	50	50	49	48	50	37
28	34	31	29	27	25	27	26	27	26	27	28	25	23	22	24	25	24	25	25	25	27	28	30	29
29	30	30	30	30	30	29	29	29	30	30	30	30	31	30	29	28	27	26	25	24	24	24	25	26
30	26	27	27	27	27	27	28	29	32	33	36	37	38	41	44	43	41	40	37	35	34	32	31	31
31	32	32	32	33	33	33	33	33	34	35	36	37	36	37	35	33	32	31	29	26	25	24	23	23

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF APRIL, 1919.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	35	21	28	—15
W 2	44	22	33	—10
T 3	57	34	46	+ 3
F 4	61	43	52	+ 8
S 5	53	42	48	+ 4
S 6	62	46	54	+10
M 7	76	41	58	+13
T 8	64	47	56	+11
W 9	55	43	49	+ 4
T 10	50	40	45	0
F 11	61	50	56	+10
S 12	62	51	56	+10
S 13	58	45	52	+ 5
M 14	59	41	50	+ 2
T 15	51	43	47	— 1
W 16	54	39	46	— 2
T 17	57	42	50	+ 1
F 18	54	42	48	— 1
S 19	62	39	50	+ 1
S 20	63	44	54	+ 4
M 21	62	49	56	+ 6
T 22	66	41	54	+ 3
W 23	68	46	57	+ 6
T 24	54	33	44	— 8
F 25	42	27	34	—18
S 26	45	29	37	—15
S 27	63	39	51	— 2
M 28	59	47	53	0
T 29	56	45	50	— 4
W 30	62	42	52	— 2
..	....	....	....	....
Month	Mean 57.2	Mean 40.4	Mean 48.8	Blank ....
Normal	56.8	40.9	48.1	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.01
Highest	30.37 on the 22d
Lowest	29.70 on the 24th
Highest recorded for this month since 1882	30.68 on the 12th in 1895
Lowest recorded for this month since 1882	29.14 on the 2d in 1884

Temperature.

Highest	76 on the 7th
Lowest	21 on the 1st
Greatest daily range	35 on the 7th
Least daily range	8 on the 15th
Average daily excess of this month as compared with normal	0.7
Accumulated excess since January 1st	426
Average daily excess since January 1st	3.6
Highest for this month since 1871	91 on 27th in 1915
Lowest for this month since 1871	20 on 5th in 1874

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	23	22	22	23	24	25	25	26	27	29	30	30	33	35	35	34	32	29	26	24	22	21	21	22
2.....	22	23	23	24	25	25	26	28	29	31	34	36	39	41	43	44	44	42	39	37	37	36	36	36
3.....	35	35	35	34	34	34	36	37	41	45	47	49	51	53	57	57	56	54	53	53	52	52	51	50
4.....	49	48	46	45	45	44	44	44	44	45	49	54	57	59	61	60	57	55	54	54	53	54	53	53
5.....	52	49	50	50	49	46	44	45	46	45	46	47	47	46	48	48	49	50	51	52	51	50	49	49
6.....	49	49	47	47	47	46	47	46	46	48	52	58	59	58	60	62	59	56	50	50	49	49	48	47
7.....	48	47	46	45	43	41	43	44	46	50	56	62	65	65	64	68	73	75	72	69	68	67	66	63
8.....	60	59	59	58	56	54	53	52	51	52	55	59	61	64	62	58	53	50	47	47	47	48	48	48
9.....	47	47	46	46	45	44	46	48	49	50	52	51	55	52	50	49	48	47	46	46	45	44	44	43
10.....	43	42	42	42	42	40	40	41	42	43	44	44	44	45	45	45	46	45	45	46	47	48	48	50
11.....	52	53	53	54	54	57	55	58	56	57	59	59	58	59	58	60	61	61	58	56	54	53	54	53
12.....	52	51	52	52	51	52	53	54	56	58	62	59	59	59	60	61	60	59	59	58	57	55	54	52
13.....	54	52	50	51	50	49	51	53	55	58	57	56	55	54	52	54	52	52	50	49	48	47	46	45
14.....	45	44	43	42	41	42	43	46	47	49	51	43	55	57	58	58	59	57	55	54	55	54	52	51
15.....	50	50	50	50	49	50	49	48	46	43	44	46	47	48	49	47	46	45	44	45	45	44	43	44
16.....	44	43	43	43	42	42	43	41	43	43	42	41	43	44	44	43	42	42	44	46	54	48	49	46
17.....	47	45	44	43	43	43	43	42	44	46	50	53	55	57	55	55	54	53	53	51	50	50	49	47
18.....	46	46	45	44	44	42	44	47	50	53	53	51	51	51	48	49	46	47	48	47	45	45	44	44
19.....	42	41	41	40	39	39	41	42	45	46	48	51	53	56	60	61	61	61	59	57	55	52	49	48
20.....	46	44	46	48	47	47	47	49	55	57	61	61	61	62	63	63	62	60	58	57	55	55	55	55
21.....	54	54	54	53	52	51	52	53	54	56	57	58	58	60	61	62	62	60	59	57	55	53	51	49
22.....	47	45	44	42	41	45	47	49	51	53	54	57	62	60	63	66	63	58	55	54	57	56	51	50
23.....	48	48	50	48	49	46	50	58	62	65	68	62	61	62	58	60	58	56	54	53	52	52	52	51
24.....	50	48	48	48	48	47	46	45	43	44	46	46	48	51	54	53	49	50	49	43	39	36	35	33
25.....	32	30	29	29	29	27	29	30	32	33	36	38	39	40	42	40	39	38	37	36	33	34	31	29
26.....	26	31	31	30	31	32	31	32	34	36	38	38	38	39	40	41	42	43	43	43	44	45	45	44
27.....	43	43	42	41	39	41	42	45	50	52	54	58	60	61	63	62	59	56	54	53	55	54	53	52
28.....	50	49	50	49	48	49	48	49	54	58	59	56	53	52	50	48	48	48	48	49	50	53	54	54
29.....	52	50	48	47	46	47	48	49	50	52	53	54	56	56	55	55	56	54	52	48	47	46	46	45
30.....	44	43	43	42	42	42	43	46	47	50	53	55	57	59	61	62	57	54	52	51	49	48	47	47
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF MAY, 1919.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	52	44	48	— 6
F 2	67	50	58	+ 3
S 3	70	53	62	+ 7
S 4	80	57	68	+13
M 5	86	57	72	+16
T 6	60	49	54	— 2
W 7	61	46	54	— 2
T 8	72	57	64	+ 7
F 9	64	47	56	— 1
S 10	48	42	45	—12
S 11	51	44	48	—10
M 12	55	44	50	— 8
T 13	73	47	60	+ 2
W 14	74	54	64	+ 5
T 15	60	46	53	— 6
F 16	59	45	52	— 7
S 17	66	49	58	— 2
S 18	67	53	60	0
M 19	69	54	62	+ 2
T 20	65	54	60	— 1
W 21	65	55	60	— 1
T 22	64	54	59	— 2
F 23	72	57	64	+ 2
S 24	71	56	64	+ 2
S 25	72	57	64	+ 2
M 26	80	60	70	+ 7
T 27	82	61	72	+ 9
W 28	73	56	64	+ 1
T 29	90	58	74	+10
F 30	86	71	78	+14
S 31	84	65	74	+10
Month	Mean 69.0	Mean 53.0	Mean 61.0	Blank .....
Normal	68.4	51.9	59.3	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.96
Highest	30.42 on the 6th
Lowest	29.68 on the 22d
Highest recorded for this month since 1882	30.52 on the 18th in 1914
Lowest recorded for this month since 1882	29.13 on the 4th in 1893

Temperature.

Highest	90 on the 29th
Lowest	42 on the 10th
Greatest daily range	32 on the 29th
Least daily range	6 on the 10th
Average daily excess of this month as compared with the normal	1.7
Accumulated excess since January 1st	478
Average daily excess since January 1st	3.2
Highest for this month since 1871	95 on 31st in 1895
Lowest for this month since 1871	34 on 1st in 1876

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	47	46	46	47	47	48	49	48	46	47	50	48	47	46	44	47	46	47	47	49	50	51	52	52
2.....	52	50	51	50	50	50	50	52	57	60	63	64	64	64	66	67	67	66	64	63	62	61	59	58
3.....	56	56	55	54	53	54	58	57	60	62	64	66	67	68	69	70	70	69	68	66	62	60	59	58
4.....	58	58	57	58	59	59	60	62	65	68	71	74	76	78	80	79	78	75	74	73	71	68	68	68
5.....	68	68	67	66	65	65	66	69	75	79	81	82	84	85	86	84	70	66	66	65	64	62	59	57
6.....	54	55	55	54	52	52	53	55	56	55	60	56	54	53	53	53	54	51	50	49	49	49	50	50
7.....	49	49	48	47	46	48	49	48	48	49	51	50	52	54	57	58	58	59	59	59	61	60	59	57
8.....	58	59	59	59	59	59	59	59	59	59	60	64	68	71	72	72	71	68	66	65	64	62	63	64
9.....	62	60	58	55	53	52	53	52	52	55	54	54	54	53	52	51	51	50	50	52	50	49	48	47
10.....	47	47	48	47	46	45	44	44	46	42	44	45	44	44	44	44	43	44	44	44	44	43	44	44
11.....	45	45	45	45	45	46	46	47	47	48	48	49	49	50	50	50	51	51	50	48	48	47	46	46
12.....	45	44	46	45	44	46	46	46	47	48	49	50	53	55	55	52	52	51	51	50	50	49	49	49
13.....	48	48	47	47	48	50	52	55	58	60	62	68	69	70	72	73	71	68	64	61	60	60	60	59
14.....	58	58	57	56	54	55	58	61	64	68	71	74	74	74	73	68	70	69	67	65	64	62	60	59
15.....	59	58	59	59	58	52	52	54	55	56	58	55	53	53	55	54	54	54	51	51	50	48	47	46
16.....	46	47	46	47	48	49	51	54	55	57	59	56	55	55	54	53	51	48	46	46	46	47	48	49
17.....	50	51	52	53	54	53	54	57	60	62	64	65	66	58	54	55	56	57	58	57	57	56	56	55
18.....	54	53	54	55	55	56	56	57	58	59	60	62	62	64	66	67	66	65	65	64	62	60	58	57
19.....	55	54	54	54	55	57	61	61	62	67	68	66	68	68	69	65	64	63	62	60	58	57	56	55
20.....	55	54	54	54	54	55	56	58	61	62	60	60	61	62	64	65	65	64	62	61	57	56	56	56
21.....	56	56	57	57	56	56	57	58	59	62	65	63	62	63	65	65	63	63	63	61	59	58	57	57
22.....	58	58	58	57	57	58	60	61	61	62	61	63	64	63	64	62	60	58	59	56	55	58	58	59
23.....	58	58	57	57	58	59	60	65	68	70	72	70	71	70	67	67	66	64	60	58	61	60	58	58
24.....	57	57	59	58	56	58	60	65	68	68	69	71	64	63	60	58	59	63	62	65	62	62	62	62
25.....	61	60	60	60	58	58	59	60	62	64	66	69	70	69	71	72	71	71	70	69	68	67	65	64
26.....	63	62	61	61	60	61	62	65	68	70	71	73	74	75	78	80	80	78	77	75	74	73	72	70
27.....	68	67	66	67	65	66	67	70	74	77	79	79	80	80	81	80	78	76	75	72	72	65	62	61
28.....	60	58	57	56	56	59	60	63	65	67	66	68	68	69	73	72	70	68	65	64	64	64	62	61
29.....	60	59	58	60	58	61	64	68	72	77	81	85	87	89	90	90	90	88	86	84	83	81	79	77
30.....	75	74	73	72	71	71	71	74	76	79	80	82	84	85	86	86	86	84	81	76	77	77	77	71
.....	73	72	71	69	65	67	66	69	72	75	77	80	81	82	83	82	78	75	74	72	71	71	70	69

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY,

WITH COMPARATIVE DATA,

NEW YORK, N. Y. MONTH OF JUNE, 1919.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
S 1	74	59	66	+ 2
M 2	92	58	75	+10
T 3	91	72	82	+17
W 4	92	71	82	+16
T 5	83	68	76	+10
F 6	75	65	70	+ 4
S 7	85	65	75	+ 9
S 8	67	55	61	— 6
M 9	61	53	57	—10
T 10	74	56	65	— 2
W 11	82	60	71	+ 3
T 12	75	59	67	— 1
F 13	83	57	70	+ 2
S 14	78	64	71	+ 3
S 15	76	62	69	+ 1
M 16	78	60	69	0
T 17	78	64	71	+ 2
W 18	75	62	68	— 1
T 19	74	61	68	— 2
F 20	82	63	72	+ 2
S 21	85	65	75	+ 5
S 22	74	59	66	— 4
M 23	77	60	68	— 2
T 24	85	66	76	+ 5
W 25	77	66	72	+ 1
T 26	73	66	70	— 1
F 27	74	66	70	— 1
S 28	72	59	66	— 5
S 29	68	52	60	—12
M 30	74	55	64	— 8
....	..	..	..	....
Month	Mean 77.8	Mean 61.6	Mean 69.7	Blank ....
Normal	77.2	61.1	68.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.12
Highest	30.49 on the 12th
Lowest	29.78 on the 27th
Highest recorded for this month since 1882	30.56 on the 2d in 1883
Lowest recorded for this month since 1882	29.34 on the 26th in 1902

Temperature.

Highest	92 on the 4th
Lowest	52 on the 29th
Greatest daily range	34 on the 2d
Least daily range	7 on the 26th
Average daily excess of this month as compared with normal	1.2
Accumulated excess since January 1st	515
Average daily excess since January 1st	2.8
Highest for this month since 1871	97 on 6th in 1899
Lowest for this month since 1871	45 on 2d in 1907

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	68	68	69	66	64	65	69	67	69	70	72	71	73	70	68	66	65	63	62	60	60	59	60	59
2	58	58	59	59	60	61	63	68	71	76	81	85	88	89	92	92	89	86	83	83	83	82	82	81
3	80	78	76	74	73	62	77	81	83	87	88	89	83	84	83	82	83	82	81	83	83	80	79	79
4	76	75	73	71	72	74	75	78	81	83	88	89	89	91	91	92	87	85	84	83	82	78	76	74
5	72	70	69	68	68	69	70	72	75	77	79	81	83	82	80	79	78	76	73	71	71	70	69	68
6	67	66	66	66	66	67	68	71	75	74	73	74	72	70	69	69	68	67	67	68	68	67	66	65
7	65	66	66	67	67	67	67	69	72	74	77	80	83	84	85	84	83	82	80	76	78	76	74	67
8	64	60	59	57	57	57	58	59	60	62	61	60	59	59	59	58	58	58	57	58	58	57	56	55
9	55	55	54	54	53	53	55	57	56	56	55	57	58	61	60	60	59	59	58	58	57	57	57	57
10	58	57	56	56	57	58	59	60	61	62	64	66	69	67	70	73	73	70	68	66	65	64	64	64
11	63	63	62	63	60	62	65	70	72	76	77	78	80	80	82	78	75	73	72	71	72	68	65	62
12	60	61	62	61	61	61	62	64	66	68	70	71	71	72	74	75	73	69	64	61	60	59	60	60
13	59	57	58	57	58	60	63	67	71	74	77	79	80	82	80	75	74	69	67	65	64	64	64	64
14	64	64	64	64	65	66	68	70	77	76	74	75	78	75	74	71	71	72	68	65	64	64	64	64
15	64	64	63	62	63	65	66	69	68	70	76	72	70	69	70	70	68	67	66	66	63	62	62	62
16	62	61	61	60	60	61	64	68	71	73	75	76	76	77	78	75	75	74	69	66	65	64	64	64
17	64	64	64	64	64	64	65	65	67	69	70	71	76	78	76	75	72	70	68	66	65	65	65	65
18	65	64	64	64	64	65	66	67	70	70	68	68	71	75	73	70	69	71	69	66	65	64	63	62
19	62	62	61	61	62	62	62	62	66	65	70	72	73	74	73	70	69	69	69	68	67	67	67	66
20	65	64	64	64	64	63	64	68	73	74	77	78	81	82	76	65	66	66	67	67	67	66	66	66
21	66	65	65	65	65	66	67	69	71	74	76	79	80	81	85	85	83	81	80	77	72	69	67	66
22	66	64	63	61	60	59	60	61	62	64	65	66	69	70	72	73	74	73	72	70	68	66	64	63
23	62	62	61	61	60	60	62	63	65	66	68	70	71	73	74	76	77	77	75	74	72	71	70	69
24	68	68	67	67	66	67	68	72	76	78	81	82	84	84	85	85	84	83	82	82	78	77	75	74
25	73	72	70	69	67	67	69	72	75	76	76	77	77	77	76	74	73	72	70	68	68	67	67	66
26	66	66	66	66	66	66	66	67	68	70	70	71	72	73	72	71	70	69	69	68	68	68	67	68
27	69	68	69	70	69	69	70	70	72	74	73	72	72	71	72	72	73	72	71	69	68	67	67	66
28	64	64	63	63	62	62	61	61	61	63	66	68	70	71	72	72	70	68	67	67	65	63	60	59
29	57	56	55	53	52	53	55	56	57	58	60	62	64	65	66	68	66	63	60	58	58	58	58	58
30	57	57	56	56	55	56	57	60	64	67	70	71	73	73	73	72	70	67	65	64	63	62	61	60
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JULY, 1919

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
T 1	88	58	73	+ 1
W 2	89	72	80	+ 8
T 3	95	74	84	+12
F 4	98	77	88	+16
S 5	96	80	88	+15
S 6	84	71	78	+ 5
M 7	80	65	72	— 1
T 8	78	63	70	— 3
W 9	71	61	66	— 7
T 10	72	62	67	— 6
F 11	71	60	66	— 7
S 12	77	58	68	— 5
S 13	80	64	72	— 2
M 14	76	63	70	— 4
T 15	72	63	68	— 6
W 16	76	66	71	— 3
T 17	75	67	71	— 3
F 18	72	65	68	— 6
S 19	81	69	75	+ 1
S 20	73	69	71	— 3
M 21	76	70	73	— 1
T 22	76	72	74	0
W 23	82	70	76	+ 2
T 24	87	68	78	+ 4
F 25	83	72	78	+ 4
S 26	82	66	74	0
S 27	89	69	79	+ 5
M 28	90	72	81	+ 7
T 29	79	67	73	— 1
W 30	79	62	70	— 4
T 31	79	65	72	— 2
Month	Mean 80.8	Mean 67.1	Mean 74.0	Blank ....
Normal	82.1	66.8	73.5	Blank ....

Atmospheric Pressure

(Reduced to sea-level; inches)

Mean	30.00
Highest	30.37 on the 9th
Lowest	29.67 on the 11th
Highest recorded for this month since 1882	30.51 on the 7th in 1892
Lowest recorded for this month since 1882	29.46 on the 8th in 1909

Temperature

Highest	98 on the 4th
Lowest	58 on the 1st
Greatest daily range	30 on the 1st
Least daily range	4 on the 20th
Average daily excess of this month as compared with the normal	0.5
Accumulated excess since January 1st	531
Average daily excess since January 1st	2.5
Highest for this month since 1871	99 on 3d in 1898
Lowest for this month since 1871	50 on 15th in 1873

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	60	59	58	58	59	61	64	67	71	73	77	79	83	86	87	88	88	87	86	84	82	80	79	79
2	78	77	77	75	72	74	73	74	79	80	85	86	87	88	87	88	89	86	83	79	78	79	75	75
3	76	75	75	74	75	76	76	77	84	88	90	91	93	94	94	95	95	94	93	91	89	88	84	83
4	80	80	81	79	77	79	81	82	87	89	91	94	97	96	95	96	97	95	90	88	90	90	85	86
5	86	84	83	82	81	80	82	85	88	90	94	95	96	95	96	95	94	91	88	86	85	85	84	84
6	83	78	78	79	77	74	75	79	81	79	80	80	80	83	80	78	76	75	75	72	71	72	73	73
7	70	69	68	67	65	65	66	70	72	73	76	78	79	79	80	76	72	71	70	67	66	65	66	67
8	67	66	64	66	67	68	69	71	72	73	73	73	75	76	77	78	77	74	67	65	64	63	63	63
9	63	62	62	61	61	62	65	66	67	66	68	68	69	70	70	71	70	69	67	67	66	65	64	64
10	63	63	62	63	63	64	64	67	69	71	72	66	66	67	68	68	69	70	70	70	69	68	65	63
11	62	62	61	60	61	62	65	63	64	65	66	67	70	71	71	70	69	68	67	66	66	66	65	64
12	61	60	59	58	58	60	63	66	69	71	73	74	76	77	76	74	72	71	70	70	69	68	67	66
13	65	65	66	65	64	64	64	66	68	71	74	76	78	78	79	80	75	73	72	71	70	69	68	67
14	67	68	66	66	67	68	69	69	71	73	75	76	75	75	75	74	73	69	66	66	65	63	63	63
15	64	64	64	64	65	65	65	66	67	69	70	71	71	72	72	72	71	70	68	67	67	67	66	66
16	66	67	67	67	68	68	69	70	71	71	72	72	71	71	71	72	76	75	73	71	70	70	70	71
17	71	71	71	71	71	71	71	72	72	73	74	75	74	73	72	72	72	71	70	69	68	68	68	67
18	66	66	65	66	66	67	68	70	71	72	69	70	70	70	69	69	69	69	69	69	69	69	69	69
19	69	70	70	70	70	70	70	71	75	77	80	80	73	72	72	72	72	72	72	70	71	71	71	70
20	70	70	70	70	69	69	69	69	69	69	73	72	71	72	72	72	71	71	71	71	70	70	70	70
21	70	70	70	70	70	70	71	73	75	76	76	76	72	72	73	73	73	73	73	72	72	72	72	72
22	72	72	72	72	72	73	73	74	74	75	76	74	74	74	73	74	74	74	73	74	74	74	73	73
23	72	72	71	71	70	70	70	71	71	71	73	76	78	80	82	82	81	80	78	76	75	74	73	73
24	72	70	69	69	69	69	71	75	79	80	81	82	83	86	87	87	86	84	83	81	79	78	77	76
25	76	75	74	73	72	72	73	75	76	77	78	79	81	82	82	83	83	82	79	78	77	75	74	73
26	72	70	70	69	68	68	71	76	78	79	82	81	81	82	82	81	81	80	79	79	78	77	67	69
27	69	69	71	71	71	71	72	76	80	82	83	85	87	89	88	89	88	87	86	85	84	83	81	80
28	78	78	77	76	76	75	77	79	82	85	88	90	72	81	85	86	85	87	85	82	80	78	77	76
29	76	75	75	74	73	73	74	74	75	76	77	78	78	79	78	79	79	77	74	72	71	70	68	67
30	66	65	65	63	63	63	64	68	69	70	71	72	74	75	76	78	77	79	76	72	71	70	69	68
31	67	66	66	65	65	66	68	72	75	78	78	78	79	78	76	75	73	72	71	70	70	70	69	68

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF AUGUST, 1919.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
F 1	80	66	73	— 1
S 2	75	61	68	— 6
S 3	78	60	69	— 5
M 4	79	64	72	— 2
T 5	74	68	71	— 3
W 6	76	68	72	— 1
T 7	84	68	76	+ 3
F 8	85	62	74	+ 1
S 9	76	59	68	— 5
S 10	76	60	68	— 5
M 11	80	65	72	— 1
T 12	78	67	72	— 1
W 13	71	59	65	— 8
T 14	66	56	61	—11
F 15	74	62	68	— 4
S 16	78	65	72	0
S 17	68	64	66	— 6
M 18	65	61	63	— 9
T 19	78	61	70	— 2
W 20	81	64	72	0
T 21	85	68	76	+ 4
F 22	85	70	78	+ 6
S 23	86	69	78	+ 6
S 24	89	70	80	+ 9
M 25	77	60	68	— 3
T 26	72	59	66	— 5
W 27	70	58	64	— 7
T 28	72	59	66	— 5
F 29	78	59	68	— 2
S 30	77	65	71	+ 1
S 31	80	66	73	+ 3
Month	Mean 77.2	Mean 63.3	Mean 70.2	Blank .....
Normal	79.9	65.7	72.2	Blank .....

Atmospheric Pressure

(Reduced to sea-level; inches)

Mean	29.94
Highest	30.26 on the 11th
Lowest	29.71 on the 1st
Highest recorded for this month since 1882	30.44 on the 19th in 1918
Lowest recorded for this month since 1882	29.28 on the 9th in 1893

Temperature

Highest	89 on the 24th
Lowest	56 on the 14th
Greatest daily range	23 on the 8th
Least daily range	4 on the 18th
Average daily deficiency of this month as compared with the normal	2.0
Accumulated excess since January 1st	472
Average daily excess since January 1st	1.9
Highest for this month since 1871	102 on 7th in 1918
Lowest for this month since 1871	51 on 27th in 1885

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	67	67	66	66	67	68	68	69	70	72	74	77	78	79	80	80	80	78	74	72	70	69	68	66
2	65	64	63	62	61	62	63	64	66	67	69	70	73	73	74	75	75	74	72	70	69	68	66	65
3	64	63	62	61	60	61	64	66	70	73	74	76	76	78	74	74	74	73	73	72	71	70	69	68
4	67	67	66	65	64	64	66	69	74	76	78	78	79	77	78	77	76	74	73	72	70	69	69	69
5	69	68	68	68	68	68	70	70	70	71	72	74	73	73	72	71	71	71	71	70	70	70	69	69
6	69	69	69	69	68	68	68	69	69	69	70	70	73	76	74	74	72	71	71	70	70	70	70	70
7	69	69	68	68	68	69	70	70	72	75	77	80	84	83	81	80	78	76	76	76	76	75	75	75
8	74	74	74	74	74	74	76	78	82	85	84	80	83	80	78	76	73	72	70	68	66	65	64	62
9	62	61	60	60	59	60	62	64	68	71	72	73	75	76	76	74	75	75	73	71	69	67	66	64
10	63	63	62	62	62	60	61	63	65	66	69	71	75	76	76	76	75	74	73	72	69	69	68	67
11	67	66	66	66	65	66	66	67	70	72	75	76	78	78	80	80	78	77	75	74	72	71	71	70
12	69	69	68	68	67	67	69	70	71	72	75	77	78	77	75	76	75	73	71	70	69	69	69	68
13	68	68	68	67	67	68	68	69	70	71	70	70	70	69	69	68	67	66	65	64	62	61	59	57
14	59	59	58	58	57	57	57	56	56	57	59	61	62	63	64	65	65	66	64	64	64	64	63	63
15	63	63	63	62	62	63	64	67	70	72	73	71	73	74	73	72	72	71	69	70	66	67	66	66
16	65	65	65	65	65	66	67	67	69	73	77	76	76	75	73	72	71	69	68	67	67	66	66	65
17	65	65	64	64	64	64	65	66	66	66	67	67	67	68	68	68	67	66	65	65	64	64	64	64
18	64	64	64	64	63	63	64	64	64	64	64	65	65	65	64	64	64	64	63	62	61	61	61	63
19	61	61	61	61	61	62	63	64	66	67	70	71	74	77	78	71	70	69	68	68	69	69	67	66
20	65	65	64	64	64	65	66	70	73	75	76	78	79	80	80	80	79	79	78	77	75	74	72	71
21	70	69	69	68	68	69	71	72	75	78	80	81	83	83	84	85	80	79	78	78	76	75	74	75
22	74	73	73	72	71	70	73	74	76	78	80	81	82	83	85	85	84	83	80	78	78	76	74	74
23	73	73	70	70	69	69	70	73	77	81	83	83	84	85	86	84	84	83	82	80	80	78	76	73
24	72	71	72	71	71	70	71	74	77	81	84	86	88	89	88	88	87	85	84	82	81	79	79	77
25	76	74	71	72	70	70	69	66	62	64	66	71	72	74	73	73	73	72	71	70	68	66	65	64
26	63	62	60	60	59	60	62	63	65	67	68	69	67	72	70	72	69	68	66	66	65	64	63	63
27	63	62	61	61	60	61	62	63	61	62	68	59	63	67	69	70	70	69	68	67	65	65	63	62
28	62	60	60	60	59	59	61	62	66	69	70	71	72	69	70	71	69	68	67	66	65	65	64	62
29	62	61	60	61	62	59	60	63	68	70	72	73	75	78	77	75	74	72	71	71	70	68	67	68
30	65	65	66	66	67	66	67	68	68	69	71	72	74	75	77	76	75	73	72	71	70	69	68	66
31	66	67	67	68	68	68	68	69	70	74	76	77	77	76	78	80	80	77	76	74	73	71	71	70

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF SEPTEMBER, 1919.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
M 1	72	62	67	— 3
T 2	71	65	68	— 2
W 3	68	62	65	— 5
T 4	76	62	69	— 1
F 5	76	59	68	— 2
S 6	82	61	72	+ 3
S 7	90	68	79	+10
M 8	91	72	82	+13
T 9	77	59	68	0
W 10	70	59	64	— 4
T 11	81	63	72	+ 4
F 12	70	56	63	— 5
S 13	72	53	62	— 5
S 14	74	57	66	— 1
M 15	66	60	63	— 4
T 16	66	60	63	— 3
W 17	73	56	64	— 2
T 18	67	51	59	— 7
F 19	67	54	60	— 6
S 20	81	65	73	+ 8
S 21	78	65	72	+ 7
M 22	76	68	72	+ 7
T 23	70	57	64	0
W 24	69	54	62	— 2
T 25	76	57	66	+ 2
F 26	66	55	60	— 4
S 27	65	51	58	— 5
S 28	72	53	62	— 1
M 29	72	57	64	+ 2
T 30	76	57	66	+ 4
....	....	....	....	....
Month	Mean 73.7	Mean 59.3	Mean 66.5	Blank ....
Normal	73.8	59.6	66.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.03	
Highest	30.42 on the	28th
Lowest	29.57 on the	11th
Highest recorded for this month since 1882	30.61 on the 7th in	1888
Lowest recorded for this month since 1882	29.34 on the 23d in	1885

Temperature.

Highest	91 on the	8th
Lowest	51 on the	27th
Greatest daily range	22 on the	7th
Least daily range	6 on the	2d
Average daily deficiency of this month as compared with the normal	0.0	
Accumulated excess since January 1st	470	
Average daily excess since January 1st	1.7	
Highest for this month since 1871	100 on 7th in	1881
Lowest for this month since 1871	39 on 30th in	1912

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	69	68	67	68	68	65	64	63	64	67	69	70	71	70	70	69	67	67	66	66	65	64	64	65
2	66	66	65	65	66	67	68	68	68	69	70	70	70	70	71	71	71	70	69	69	69	68	68	67
3	65	65	64	63	64	64	64	63	63	64	64	65	65	64	63	62	64	66	67	68	68	67	66	65
4	64	63	63	62	62	63	64	64	67	72	75	76	74	72	70	69	68	69	68	67	66	66	65	64
5	64	62	61	59	60	61	64	66	67	69	73	74	75	76	75	75	72	71	68	68	67	67	67	66
6	64	64	62	61	62	63	64	66	70	72	75	77	79	80	81	82	82	80	77	74	73	73	72	72
7	71	70	70	70	69	68	69	70	72	80	83	86	87	88	90	88	86	85	83	83	81	80	78	76
8	75	74	74	73	73	72	72	74	76	79	82	87	89	91	88	88	87	86	84	82	81	80	78	77
9	76	75	75	68	64	63	62	62	60	61	66	64	64	63	62	62	62	62	61	62	61	60	59	59
10	59	59	60	61	60	60	61	62	63	65	67	69	68	69	70	69	68	67	66	65	64	64	64	63
11	63	64	64	65	65	65	66	66	68	71	72	73	76	78	80	81	79	76	74	74	72	68	66	65
12	61	62	61	61	61	61	61	56	62	66	67	68	70	68	68	69	67	65	63	61	60	59	58	58
13	57	56	55	54	53	53	56	59	62	64	66	67	68	69	71	72	70	69	68	66	65	64	63	61
14	60	60	60	59	58	57	59	62	66	67	71	72	72	73	74	73	72	71	70	69	68	67	66	65
15	64	64	63	62	62	62	63	65	65	64	65	66	66	66	65	64	64	63	62	62	61	61	61	60
16	60	60	60	60	61	61	61	62	63	65	65	65	65	65	66	66	66	66	66	65	65	64	64	64
17	63	63	62	62	61	60	61	62	64	69	69	70	71	71	71	73	72	69	67	65	62	60	58	56
18	55	53	52	52	52	51	53	56	58	59	59	60	63	65	66	64	60	58	57	57	58	58	58	56
19	55	55	54	54	55	55	57	60	64	65	66	66	66	67	66	64	63	63	63	64	63	64	64	65
20	65	65	65	66	66	66	67	67	71	72	75	77	79	81	76	75	76	72	70	71	70	70	69	68
21	67	67	66	66	65	65	66	66	67	69	73	76	77	78	75	75	74	73	72	71	70	69	69	69
22	69	68	68	68	68	68	69	69	70	72	73	72	73	73	75	76	76	75	75	74	72	71	70	70
23	69	68	67	67	63	60	61	62	61	60	58	59	59	60	59	60	59	59	58	59	58	58	57	57
24	57	56	56	55	54	57	55	58	61	64	67	68	68	69	68	68	66	68	66	66	65	64	63	62
25	60	59	58	58	58	57	59	61	65	68	72	74	75	76	76	75	73	72	71	70	68	63	61	60
26	59	59	58	57	56	56	56	55	57	60	62	63	64	66	66	65	64	63	62	60	59	58	57	55
27	52	54	54	53	52	52	53	55	58	59	61	63	64	64	64	63	62	60	58	58	58	58	58	58
28	56	55	54	54	53	54	54	57	61	64	66	68	72	72	71	65	63	62	61	61	60	60	59	59
29	58	58	58	58	57	58	60	57	64	63	67	69	69	70	70	71	67	63	62	62	62	61	61	60
30	59	59	58	58	58	57	59	59	63	66	70	73	76	75	74	73	70	68	66	64	63	60	58	58
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.
MONTHLY METEOROLOGICAL SUMMARY.
WITH COMPARATIVE DATA.
NEW YORK, N. Y. MONTH OF OCTOBER, 1919.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
W 1	58	48	53	— 9
T 2	63	52	58	— 3
F 3	85	63	74	+13
S 4	65	59	62	+ 2
S 5	76	61	68	+ 8
M 6	77	62	70	+10
T 7	71	45	58	— 1
W 8	56	43	50	— 9
T 9	64	46	55	— 4
F 10	78	63	70	+12
S 11	81	53	67	+ 9
S 12	53	41	47	10
M 13	60	39	50	— 7
T 14	59	51	55	— 1
W 15	71	55	63	+ 7
T 16	77	61	69	+13
F 17	64	50	57	+ 2
S 18	61	45	53	— 2
S 19	64	46	55	+ 1
M 20	55	44	50	— 4
T 21	60	51	56	+ 2
W 22	63	55	59	+ 6
T 23	59	52	56	+ 3
F 24	60	51	56	+ 4
S 25	61	47	54	+ 2
S 26	61	53	57	+ 6
M 27	68	59	64	+13
T 28	81	48	64	+13
W 29	56	43	50	0
T 30	56	45	50	0
F 31	70	56	63	+13
Month	Mean 65.6	Mean 51.2	Mean 58.4	Blank .....
Normal	63.1	48.8	55.6	Blank .....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean	30.12
Highest	30.55 on the 30th
Lowest	29.70 on the 28th
Highest recorded for this month since 1882	30.66 on th 17th in 1883
Lowest recorded for this month since 1882	29.15 on the 10th in 1884

Temperature.

Highest	85 on the 3d
Lowest	39 on the 13th
Greatest daily range	33 on the 28th
Least daily range	6 on the 4th
Average daily excess of this month as compared with the normal	2.8
Accumulated excess since January 1st	559
Average daily excess since January 1st	1.8
Highest for this month since 1871	88 on 1st in 1881
Lowest for this month since 1871	29 on 31st in 1917

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	57	56	55	54	53	52	52	52	50	48	49	50	51	51	52	53	54	53	52	52	52	52	52	52
2	53	53	53	53	54	55	55	56	57	57	58	59	60	60	60	61	61	61	62	63	62	63	63	63
3	63	63	64	64	64	64	64	64	65	70	73	79	82	84	85	85	84	82	81	78	76	76	67	64
4	63	62	61	60	60	60	62	61	60	60	61	62	64	65	65	65	64	64	63	63	63	63	63	63
5	63	64	64	64	63	63	62	62	61	62	64	69	71	73	76	75	74	74	73	74	74	71	71	70
6	70	70	70	70	70	70	69	69	69	70	72	70	71	73	75	77	75	74	72	69	66	65	63	62
7	60	59	58	57	57	56	58	60	65	67	70	71	71	71	70	69	65	63	61	57	51	48	47	45
8	45	44	44	44	43	43	46	48	48	49	49	50	53	55	53	53	52	52	51	51	50	50	49	48
9	46	47	47	47	48	50	52	54	58	60	61	62	63	62	63	63	63	62	64	63	63	64	64	63
10	63	63	63	63	64	64	64	64	66	68	72	73	76	77	78	77	76	76	75	74	74	73	73	72
11	71	70	70	69	68	69	71	73	77	79	80	80	78	78	78	68	66	65	62	60	56	55	54	53
12	52	52	50	50	50	49	50	51	52	50	48	47	45	43	41	42	44	46	47	47	46	45	44	43
13	42	41	40	40	40	39	41	42	49	51	52	53	56	60	57	55	54	54	53	53	53	53	53	52
14	52	51	51	51	52	53	55	56	55	57	58	55	54	55	55	54	55	56	56	59	59	58	57	56
15	55	55	55	55	56	56	56	57	62	63	63	64	68	70	71	70	68	65	63	65	65	65	65	63
16	63	63	64	64	63	61	62	63	63	64	65	70	73	76	77	77	75	73	72	65	66	66	63	62
17	62	62	62	63	64	60	55	54	54	57	56	57	59	60	61	62	63	59	56	54	52	52	51	50
18	49	48	49	49	47	46	46	48	49	50	52	54	57	59	61	60	58	57	56	56	55	55	54	52
19	52	50	47	46	48	49	49	50	52	56	59	61	62	64	64	63	63	62	62	59	56	54	53	52
20	50	49	48	46	46	45	44	47	49	51	52	51	53	54	54	53	53	53	52	52	50	50	51	51
21	51	52	53	54	54	55	56	57	58	59	60	60	60	59	58	58	58	58	58	60	60	60	60	60
22	60	59	59	58	58	58	59	60	62	62	62	61	62	63	62	62	59	58	57	57	56	56	55	55
23	54	54	54	54	54	53	53	54	55	57	59	57	56	56	55	55	54	54	54	53	53	53	53	54
24	54	54	54	54	54	54	55	55	55	55	56	57	58	58	59	60	57	54	53	54	53	52	52	51
25	50	50	49	48	47	48	48	51	52	52	53	53	54	55	59	61	57	56	56	57	57	57	56	56
26	55	54	53	53	54	55	55	56	56	57	59	60	60	60	61	61	61	60	60	61	61	61	60	60
27	60	59	59	59	59	60	62	62	63	64	65	67	67	67	68	65	64	62	62	60	60	60	59	59
28	59	59	60	60	61	61	62	62	63	69	74	78	80	81	80	80	77	69	63	59	56	52	50	48
29	48	47	46	45	44	44	45	44	43	45	46	50	52	54	56	53	51	50	50	51	50	50	50	50
30	50	50	50	49	48	46	45	47	47	49	49	49	49	51	52	52	52	53	54	54	54	55	55	56
31	57	58	58	58	58	59	59	59	60	61	63	66	68	69	70	70	69	68	68	68	68	68	67	67

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK N. Y. MONTH OF JANUARY, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
T 1	13	-5	4	—28
W 2	12	1	6	—25
T 3	11	0	6	—25
F 4	18	-3	8	—23
S 5	28	14	21	—10
S 6	34	19	26	— 4
M 7	37	28	32	+ 2
T 8	36	22	29	— 1
W 9	31	20	26	— 4
T 10	34	22	28	— 2
F 11	34	23	28	— 2
S 12	50	16	33	+ 3
S 13	16	5	10	—20
M 14	30	13	22	— 8
T 15	40	25	32	+ 2
W 16	28	19	24	— 6
T 17	39	28	34	+ 4
F 18	37	26	32	+ 2
S 19	26	10	18	—12
S 20	22	4	13	—17
M 21	29	8	18	—12
T 22	23	15	19	—11
W 23	27	13	20	—10
T 24	29	11	20	—10
F 25	37	23	30	0
S 26	38	18	28	— 2
S 27	19	10	14	—16
M 28	23	11	17	—13
T 29	34	17	26	— 4
W 30	27	17	22	— 8
T 31	31	21	26	— 4
Month	Mean 28.8	Mean 14.5	Mean 21.6	Blank ....
Normal	37.6	24.1	30.2	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.90
Highest	30.42 on the 30th
Lowest	28.84 on the 15th
Highest recorded for this month since 1882	30.92 on the 2d in 1899
Lowest recorded for this month since 1882	28.61 on the 3d in 1913

Temperature.

Highest	50 on the 12th
Lowest	-5 on the 1st
Greatest daily range	34 on the 12th
Least daily range	8 on the 22d
Average daily deficiency of this month as compared with the normal	8.6
Accumulated deficiency since January 1st	264
Average daily deficiency since January 1st	8.6
Highest for this month since 1871	67 on 12th in 1890
Lowest for this month since 1871	-6 on 10th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	1	1	0	-1	-3	-4	-5	-5	-4	-3	1	3	6	10	12	13	11	11	9	7	5	4	3	3
2.....	3	2	3	2	2	1	2	4	4	5	6	7	9	9	9	10	10	11	12	10	10	11	10	9
3.....	9	8	8	7	6	5	5	4	4	6	7	9	11	10	11	10	8	6	5	4	3	2	1	0
4.....	-1	-2	-3	-3	-3	-3	-2	-1	4	7	9	11	14	16	17	18	16	15	14	14	14	14	14	14
5.....	15	15	15	16	15	15	16	15	18	19	22	25	26	28	27	25	24	23	22	21	21	21	20	21
6.....	22	22	22	24	23	19	20	20	24	26	28	29	33	34	33	32	32	31	30	30	29	29	27	29
7.....	28	28	29	30	31	31	32	33	34	34	33	33	32	33	34	35	36	36	35	33	34	37	34	36
8.....	34	33	32	31	30	28	27	26	25	26	27	28	28	27	27	26	24	23	23	24	24	23	22	23
9.....	22	22	21	21	22	22	22	22	23	25	28	29	31	30	29	26	24	23	22	21	21	21	22	22
10.....	24	24	24	24	25	25	26	26	27	29	31	33	32	34	33	30	30	31	30	28	31	30	30	29
11.....	28	28	28	27	27	27	25	23	25	30	29	31	30	31	32	32	29	30	31	30	30	30	32	34
12.....	35	36	41	44	47	48	49	45	42	41	40	39	37	35	34	33	30	29	26	23	20	19	17	16
13.....	14	13	10	8	7	6	5	5	5	7	8	10	11	12	14	14	15	13	11	11	12	13	14	13
14.....	15	16	16	16	17	17	18	19	20	22	24	26	29	30	29	29	28	27	28	28	28	28	28	27
15.....	30	29	28	26	27	30	32	33	37	40	39	38	37	36	35	32	30	29	29	28	27	26	26	25
16.....	23	22	21	20	19	19	20	20	20	21	22	24	25	26	28	27	26	26	27	27	27	27	28	28
17.....	29	29	30	31	32	33	34	32	32	30	35	35	38	39	39	38	37	36	34	33	32	32	31	31
18.....	32	32	29	29	27	30	31	30	32	33	35	33	34	37	37	35	32	31	30	28	27	31	28	26
19.....	26	25	25	24	24	24	23	22	21	21	19	20	24	22	21	19	18	17	15	16	14	12	11	10
20.....	10	10	9	9	8	7	6	5	6	10	14	18	20	22	21	20	18	17	16	15	13	13	11	11
21.....	9	9	8	10	8	10	11	10	12	14	18	21	24	26	28	29	27	24	20	21	20	19	18	17
22.....	18	18	19	18	16	15	16	16	20	23	19	20	19	17	18	19	20	20	20	20	19	20	19	17
23.....	15	16	15	14	15	16	19	18	19	21	22	23	24	26	23	23	21	20	19	18	17	16	15	13
24.....	11	14	13	13	13	13	12	12	12	15	18	21	21	21	21	22	24	25	29	24	25	26	25	25
25.....	24	25	23	24	24	23	24	24	23	25	27	28	29	31	33	34	34	33	33	33	34	35	26	37
26.....	38	37	36	35	32	29	27	27	26	25	25	24	25	25	24	23	21	21	20	22	23	22	20	18
27.....	19	19	19	18	17	17	15	13	14	15	17	13	14	14	15	14	13	12	11	10	14	17	15	13
28.....	15	14	14	13	13	13	13	12	11	12	13	14	16	17	18	19	22	23	23	22	21	22	22	21
29.....	22	23	23	18	18	18	19	20	22	24	26	29	32	33	33	33	32	31	30	28	26	24	23	22
30.....	21	21	19	18	18	17	18	18	20	22	24	22	25	27	25	23	24	25	23	22	24	24	23	24
31.....	24	24	21	23	23	22	22	22	22	21	23	24	26	27	31	31	28	27	25	25	24	26	26	25

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF FEBRUARY, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
F 1	25	10	18	—12
S 2	21	6	14	—16
S 3	34	17	26	— 4
M 4	29	-1	14	—16
T 5	4	-7	-2	—32
W 6	37	1	19	—11
T 7	50	33	42	+12
F 8	33	21	27	— 3
S 9	37	26	32	+ 2
S 10	36	25	30	0
M 11	40	31	36	+ 6
T 12	51	35	43	+13
W 13	48	37	42	+12
T 14	46	34	40	+10
F 15	54	23	38	+ 8
S 16	32	21	26	— 5
S 17	31	19	25	— 6
M 18	31	15	23	— 8
T 19	46	27	36	+ 5
W 20	58	17	38	+ 7
T 21	17	8	12	—19
F 22	28	7	12	—13
S 23	36	16	26	— 6
S 24	52	31	42	+10
M 25	56	42	49	+17
T 26	51	32	42	+10
W 27	40	28	34	+ 2
T 28	48	38	43	+10
.....	..	..	..	....
.....	..	..	..	....
.....	..	..	..	....
Month	Mean 38.2	Mean 21.1	Mean 29.6	Blank .....
Normal	37.7	23.6	40.7	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.09
Highest	30.74 on the 21st
Lowest	28.98 on the 26th
Highest recorded for this month since 1882	30.94 on the 5th in 1887
Lowest recorded for this month since 1882	28.70 on the 6th in 1895

Temperature.

Highest	58 on the 20th
Lowest	-7 on the 5th
Greatest daily range	41 on the 20th
Least daily range	9 on the 11th
Average daily deficiency of this month as compared with the normal	1.1
Accumulated deficiency since January 1st	291
Average daily deficiency since January 1st	4.9
Highest for this month since 1871	69 on 5th in 1890
Lowest for this month since 1871	-7 on 5th in 1918

Hourly Temperatures.

Date.	A. M.												P. M.										
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	23	22	21	20	19	17	16	14	14	15	16	15	17	20	19	19	17	16	15	14	12	12	11	10
2.....	10	9	9	8	6	7	8	7	9	10	12	14	17	18	19	20	20	20	21	19	18	18	19	17
3.....	17	18	19	20	21	24	24	24	24	25	27	30	30	32	33	34	34	34	32	31	30	30	29	29
4.....	29	28	27	24	22	18	17	16	15	14	12	12	12	12	12	11	8	6	4	3	2	1	0	-1
5.....	-2	-2	-3	-4	-5	-6	-7	-5	-5	-3	-2	0	1	2	4	3	2	2	3	2	1	0	0	1
6.....	2	6	7	8	9	9	11	13	15	16	19	24	26	31	33	34	35	34	34	34	35	36	37	37
7.....	37	37	37	37	37	37	38	37	37	39	41	43	47	50	50	49	46	46	45	44	38	35	34	33
8.....	32	32	31	30	29	27	26	26	25	24	22	21	24	26	27	29	25	24	24	24	29	30	29	28
9.....	27	28	26	26	26	27	28	29	30	30	31	32	33	34	34	34	34	35	35	35	37	35	33	30
10.....	28	28	27	26	25	25	26	26	26	27	29	30	32	32	33	33	34	35	35	34	36	36	34	33
11.....	32	32	32	31	32	32	32	33	34	35	36	37	38	39	40	40	40	39	38	37	38	38	37	37
12.....	37	36	37	35	36	36	37	38	40	40	41	42	46	48	50	51	50	48	50	50	50	48	48	47
13.....	46	47	48	47	46	45	44	45	46	47	46	46	45	48	45	44	43	42	41	41	40	39	37	37
14.....	38	37	38	39	36	34	35	36	40	41	41	42	44	43	42	41	40	42	41	40	41	42	44	46
15.....	47	49	52	51	52	49	47	47	49	50	51	52	53	54	52	48	43	41	38	36	31	28	25	23
16.....	23	22	22	22	21	21	21	22	22	24	23	25	30	32	31	31	28	27	27	27	27	28	29	30
17.....	31	30	29	29	28	28	28	27	24	22	21	22	23	25	26	26	25	24	23	22	21	21	20	19
18.....	19	18	18	17	17	16	15	17	19	21	25	28	29	31	31	30	29	28	28	28	27	26	25	26
19.....	27	28	30	31	32	33	33	34	36	37	38	39	37	42	45	45	40	41	42	43	41	43	45	46
20.....	50	52	50	54	58	57	56	54	53	48	47	45	45	44	43	41	38	35	32	29	26	23	20	17
21.....	15	13	12	11	10	10	9	9	9	10	11	12	15	16	17	17	16	14	13	12	11	9	10	8
22.....	8	7	7	7	8	9	10	9	12	13	14	16	18	19	21	22	24	25	26	27	24	23	24	20
23.....	18	17	16	16	17	17	17	19	21	23	25	27	29	31	33	34	35	36	35	35	34	33	33	33
24.....	32	32	31	31	32	32	33	33	35	36	40	45	50	52	51	49	48	48	47	47	48	47	46	47
25.....	44	43	45	46	44	44	45	47	48	50	53	56	55	52	50	47	46	45	44	44	43	43	42	44
26.....	46	47	49	50	51	47	43	39	38	38	37	36	37	37	37	36	36	35	34	34	34	34	32	32
27.....	31	30	29	29	28	28	28	30	32	34	36	38	38	40	40	40	39	39	39	38	37	38	38	38
28.....	38	38	39	39	41	41	41	41	42	43	45	47	48	48	47	46	45	44	44	43	42	42	41	40
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF MARCH, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
F 1	43	35	39	+ 6
S 2	48	30	39	+ 5
S 3	42	28	35	+ 1
M 4	35	22	28	— 6
T 5	55	32	44	+10
W 6	58	33	46	+12
T 7	38	28	33	— 2
F 8	48	26	37	+ 2
S 9	48	36	42	+ 7
S 10	49	18	34	— 2
M 11	36	16	26	—10
T 12	49	32	40	+ 4
W 13	53	38	46	+10
T 14	38	31	34	— 3
F 15	42	21	32	— 5
S 16	46	20	33	— 5
S 17	59	36	48	+10
M 18	55	37	46	+ 8
T 19	74	39	56	+18
W 20	55	36	46	+ 7
T 21	66	45	56	+17
F 22	67	45	56	+17
S 23	50	36	43	+ 3
S 24	52	32	42	+ 2
M 25	56	36	46	+ 6
T 26	41	31	36	— 4
W 27	46	30	38	— 3
T 28	47	27	37	— 4
F 29	51	36	44	+ 2
S 30	61	33	47	+ 5
S 31	65	42	54	+12
Month	Mean 50.7	Mean 31.8	Mean 41.2	Blank .....
Normal	45.2	30.7	37.5	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.00
Highest	30.54 on the 11th
Lowest	29.42 on the 10th
Highest recorded for this month since 1882	30.95 on the 18th in 1913
Lowest recorded for this month since 1882	28.38 on the 1st in 1914

Temperature

Highest	74 on the 19th
Lowest	16 on the 11th
Greatest daily range	35 on the 19th
Least daily range	7 on the 14th
Average daily excess of this month as compared with the normal	3.7
Accumulated deficiency since January 1st	171
Average daily deficiency since January 1st	1.9
Highest for this month since 1871	78 on 30th in 1910
Lowest for this month since 1871	3 on 5th in 1872

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	38	36	36	37	37	37	36	38	43	36	37	37	35	38	40	41	39	39	39	38	37	36	36	35
2	35	34	33	32	32	31	30	33	33	38	41	44	45	46	46	47	48	47	46	44	42	41	40	40
3	40	40	42	41	40	38	37	35	36	36	37	38	37	36	35	34	33	32	32	31	30	30	29	28
4	27	26	25	24	23	23	22	25	26	28	31	31	30	30	31	32	34	34	35	33	32	33	33	34
5	36	36	36	35	34	34	33	33	38	42	45	48	50	52	53	55	54	53	51	50	48	46	45	44
6	43	43	41	43	40	42	43	43	43	44	45	46	48	49	57	55	57	55	52	44	40	39	34	37
7	32	35	35	34	33	32	31	32	32	31	28	33	31	32	33	36	38	38	36	35	33	31	29	30
8	29	28	27	27	28	29	30	32	34	36	39	42	46	47	45	48	48	47	46	45	44	43	42	44
9	43	42	43	40	42	41	42	42	44	45	46	44	47	48	42	42	40	39	38	37	38	37	37	38
10	39	41	42	43	43	40	42	44	49	48	42	38	27	24	23	22	21	20	20	19	19	19	18	18
11	17	17	17	17	16	16	16	18	20	23	26	27	29	30	32	34	35	36	35	35	34	33	32	32
12	33	32	32	33	34	35	36	37	39	40	41	42	42	42	44	46	46	47	48	48	49	48	48	47
13	47	46	45	45	44	44	45	46	44	45	47	50	51	52	53	52	49	48	47	46	45	42	40	38
14	36	33	31	32	34	34	34	34	34	33	37	36	37	38	37	36	37	37	36	37	34	34	35	36
15	36	37	41	42	41	39	38	38	39	40	37	35	33	32	31	31	30	28	26	24	23	22	22	21
16	21	21	21	20	20	20	21	23	27	29	32	36	38	40	42	45	46	45	44	44	42	42	41	40
17	40	39	38	38	37	37	36	39	42	46	50	54	56	57	59	59	58	57	55	53	51	49	50	50
18	47	44	41	40	38	37	38	40	43	45	48	49	42	53	55	54	54	53	52	51	49	48	47	45
19	42	41	40	39	39	39	40	42	51	58	64	68	70	73	74	70	52	49	46	45	43	42	40	39
20	38	37	36	37	36	37	38	39	43	44	46	48	51	53	55	50	45	46	47	49	47	46	44	45
21	46	48	47	45	46	47	48	49	53	57	61	63	65	66	64	64	63	62	60	59	60	55	52	55
22	55	55	54	52	52	49	51	50	51	55	58	64	65	64	66	62	65	66	63	60	55	51	47	45
23	44	43	42	41	39	38	37	38	38	40	42	44	46	48	49	50	48	46	44	43	40	38	37	36
24	36	35	33	32	33	33	35	34	35	39	42	48	49	51	50	48	44	40	39	40	40	39	40	39
25	38	37	37	38	38	39	39	40	42	45	50	49	53	54	55	55	52	50	48	46	42	40	38	36
26	35	35	34	33	33	32	34	36	38	40	38	37	38	37	36	36	36	35	34	34	33	32	32	31
27	31	31	30	30	30	31	32	32	34	37	38	40	43	44	44	42	41	40	39	39	38	36	34	33
28	31	31	30	28	28	28	27	28	30	34	36	37	40	44	46	46	47	46	45	45	43	42	42	40
29	39	39	38	38	38	37	38	41	44	45	47	48	51	49	50	49	48	45	44	43	40	39	38	37
30	37	36	37	35	34	33	35	39	45	49	54	59	60	61	58	55	51	50	56	56	54	52	51	49
31	49	48	47	46	44	43	42	44	47	55	58	62	63	65	63	60	59	61	63	65	60	58	58	57

U. S. Department of Agriculture Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF APRIL, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
M 1	70	50	60	+17
T 2	76	51	64	+21
W 3	65	39	52	+ 9
T 4	50	36	43	— 1
F 5	50	32	41	— 3
S 6	59	36	48	+ 4
S 7	50	40	45	0
M 8	60	41	50	+ 5
T 9	55	34	44	— 1
W 10	41	35	38	— 7
T 11	37	30	34	—12
F 12	36	31	34	—12
S 13	42	32	37	—10
S 14	62	38	50	+ 2
M 15	71	48	60	+12
T 16	72	54	63	+15
W 17	71	57	64	+15
T 18	66	40	53	+ 4
F 19	54	39	46	— 3
S 20	46	38	42	— 8
S 21	53	38	46	— 4
M 22	54	49	52	+ 1
T 23	68	48	58	+ 7
W 24	59	44	52	0
T 25	59	38	48	— 4
F 26	58	44	51	— 1
S 27	61	46	54	+ 1
S 28	66	47	56	+ 3
M 29	62	49	56	+ 2
T 30	68	47	58	+ 4
....	..	..	..	....
Month	Mean 58.0	Mean 41.7	Mean 49.8	Blank ....
Normal	56.8	40.9	48.1	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean 30.03
Highest ..... 30.56 on the 7th
Lowest ..... 29.55 on the 21st
Highest recorded for this month since 1882..... 30.68 on the 12th in 1895
Lowest recorded for this month since 1882..... 29.14 on the 2d in 1884

Temperature.

Highest ..... 76 on the 2d
Lowest ..... 30 on the 11th
Greatest daily range..... 26 on the 3d
Least daily range..... 5 on the 12th
Avearge daily excess of this month as compared with the normal..... 1.7
Accumulated deficiency since January 1st..... 115
Average daily deficiency since January 1st..... 1.0
Highest for this month since 1871..... 91 on 27th in 1915
Lowets for this month since 1871..... 20 on 5th in 1874

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	54	53	53	52	51	50	51	52	55	60	63	67	65	68	69	70	68	67	66	62	60	58	57	56
2.....	55	54	53	52	53	52	54	56	60	64	69	70	71	73	74	76	76	75	72	71	69	69	67	65
3.....	61	61	60	60	58	57	55	58	61	60	59	58	57	52	50	48	42	42	42	45	42	40	39	42
4.....	37	37	37	37	36	36	36	36	36	39	41	43	44	45	47	48	50	49	47	44	40	38	37	36
5.....	34	34	33	33	32	32	34	35	37	38	40	41	46	48	49	50	49	48	46	45	43	41	39	39
6.....	38	38	38	37	36	37	38	43	44	48	49	50	56	59	57	53	52	49	47	46	45	45	44	43
7.....	41	41	40	40	41	42	45	42	45	46	49	48	47	48	50	48	47	47	45	45	44	42	42	42
8.....	42	41	41	41	42	43	43	45	47	48	53	57	60	55	53	52	52	53	51	50	50	50	49	47
9.....	48	47	47	46	46	47	47	48	49	51	52	52	53	51	47	44	42	40	39	38	37	36	34	37
10.....	38	37	39	39	38	37	36	37	37	37	37	38	39	40	41	39	38	35	37	38	36	37	36	37
11.....	33	31	31	30	32	35	35	36	36	35	36	36	37	36	35	36	36	35	34	33	32	33	33	33
12.....	33	34	35	35	36	36	34	34	34	33	34	35	35	35	36	35	34	33	33	33	32	31	32	34
13.....	34	33	33	33	34	33	32	33	34	36	37	38	39	40	41	42	40	41	41	40	40	40	39	39
14.....	38	39	39	39	39	39	40	43	44	48	50	53	57	60	61	62	62	61	60	57	55	54	53	51
15.....	50	49	48	48	48	49	50	53	56	58	62	66	67	69	71	71	71	70	67	65	63	61	59	60
16.....	58	58	57	56	55	54	57	60	63	66	68	70	72	70	69	67	67	68	68	68	64	65	66	63
17.....	61	60	59	58	58	58	59	60	63	65	67	71	70	71	70	70	71	70	69	65	62	61	58	57
18.....	61	62	62	63	64	65	65	64	63	63	56	54	53	48	50	51	47	45	44	43	42	42	40	41
19.....	41	41	41	39	40	41	42	45	47	49	48	49	49	52	53	52	54	53	52	50	49	48	46	44
20.....	41	39	39	40	40	40	41	41	42	43	43	44	44	45	45	46	45	44	44	43	43	42	41	41
21.....	39	38	38	39	40	40	42	41	43	46	47	48	47	48	48	50	50	50	51	52	51	51	51	50
22.....	50	50	49	49	49	50	50	50	49	50	52	51	53	52	53	54	54	54	54	53	53	53	52	52
23.....	51	51	51	50	49	48	50	52	56	59	63	65	66	67	68	68	67	67	67	58	57	57	56	55
24.....	55	54	52	51	49	47	47	47	49	50	52	53	55	57	58	59	57	55	54	52	49	47	45	44
25.....	42	41	39	38	38	38	39	40	42	44	47	48	52	54	56	57	59	57	56	50	49	48	46	47
26.....	51	51	50	46	44	45	47	48	49	53	56	57	54	54	58	56	52	50	48	46	44	47	47	46
27.....	46	46	48	49	49	50	50	51	56	58	59	59	60	61	60	60	58	57	55	52	51	50	48	47
28.....	47	47	48	48	48	48	49	52	56	57	58	60	63	65	65	66	61	60	59	58	58	56	53	52
29.....	52	52	50	49	50	50	51	52	50	54	56	57	59	60	61	62	53	52	50	49	50	49	49	49
30.....	50	51	52	51	50	49	48	49	51	54	58	60	65	67	64	62	59	56	54	53	56	50	53	53
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau

MONTHLY METEOROLOGICAL SUMMARY,

WITH COMPARATIVE DATA,

NEW YORK, N. Y. MONTH OF MAY, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
W 1	62	45	54	0
T 2	64	42	53	— 2
F 3	73	51	62	+ 7
S 4	70	52	61	+ 6
S 5	67	51	59	+ 3
M 6	85	61	73	+17
T 7	82	67	74	+18
W 8	78	54	66	+ 9
T 9	70	51	60	+ 3
F 10	74	52	63	+ 6
S 11	68	47	58	0
S 12	66	49	58	0
M 13	77	64	70	+12
T 14	70	59	64	+ 5
W 15	75	56	66	+ 7
T 16	67	53	60	+ 1
F 17	74	50	62	+ 2
S 18	75	55	65	+ 5
S 19	72	57	64	+ 4
M 20	77	59	68	+ 7
T 21	76	64	70	+ 9
W 22	77	59	68	+ 7
T 23	80	64	72	+10
F 24	67	54	60	— 2
S 25	72	55	64	+ 2
S 26	74	56	65	+ 2
M 27	80	55	68	+ 5
T 28	86	66	76	+13
W 29	71	54	62	— 2
T 30	58	50	54	—10
F 31	72	54	63	— 1
Month	Mean 72.9	Mean 55.0	Mean 64.0	Blank ....
Normal	68.4	51.9	59.3	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.06
Highest	30.7 on the 16th
Lowest	29.58 on the 10th
Highest recorded for this month since 1882	30.52 on the 18th in 1914
Lowest recorded for this month since 1882	29.13 on the 4th in 1893

Temperature.

Highest	86 on the 28th
Lowest	42 on the 2d
Greatest daily range	25 on the 27th
Least daily range	8 on the 30th
Average daily excess of this month as compared with the normal	4.7
Accumulated excess since January 1st	28
Average daily excess since January 1st	0.2
Highest for this month since 1871	95 on 31st in 1895
Lowest for this month since 1871	34 on 1st in 1876

Hourly Temperature.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	54	54	54	53	53	52	52	53	57	59	60	59	60	61	56	55	54	52	50	47	46	46	45	45
2	45	44	43	43	43	42	45	48	51	56	59	61	62	61	62	64	64	63	62	61	59	58	56	55
3	53	53	52	52	51	51	53	61	64	65	67	69	69	71	72	71	70	65	59	60	60	59	59	59
4	59	58	57	55	56	58	60	60	61	63	64	67	68	69	70	68	66	61	59	57	55	53	54	53
5	53	52	51	51	51	52	53	54	55	56	60	62	60	58	59	61	66	66	66	64	64	62	60	61
6	65	68	64	63	62	61	63	67	72	78	82	84	85	85	85	85	84	84	83	82	79	77	76	75
7	72	71	69	68	67	67	67	70	71	75	77	80	82	81	81	80	77	76	75	74	72	70	68	68
8	67	66	65	65	65	65	66	69	71	74	75	75	76	77	78	78	76	72	68	63	59	57	55	54
9	54	53	52	52	51	52	54	56	59	60	66	66	70	69	67	65	63	62	62	60	59	58	56	54
10	52	52	53	54	54	54	55	58	65	68	69	71	68	67	70	73	73	68	61	65	62	52	63	63
11	60	53	50	49	48	48	49	50	52	44	59	62	65	68	65	64	60	59	60	58	56	55	54	53
12	53	53	52	51	52	49	51	54	53	53	53	55	55	55	56	56	54	57	61	61	62	65	66	65
13	66	66	67	65	65	65	66	68	70	71	73	75	76	77	75	71	71	70	69	69	69	66	65	64
14	64	62	61	60	60	59	59	61	62	63	65	67	68	68	69	70	69	69	68	66	65	64	62	62
15	61	60	59	59	58	59	59	61	65	67	68	69	72	73	75	72	71	67	66	64	62	60	57	56
16	55	55	55	55	54	56	58	59	60	66	66	65	62	62	63	62	62	62	61	56	55	54	54	53
17	52	52	51	51	50	50	59	60	65	69	72	73	73	74	70	69	56	65	65	62	63	62	61	60
18	58	58	57	57	56	55	58	63	68	70	72	75	73	71	70	68	67	66	65	64	63	62	61	61
19	60	60	59	58	57	57	58	60	62	65	66	70	72	71	70	69	69	69	68	66	65	64	63	62
20	61	60	60	59	60	61	62	61	62	69	71	71	74	77	77	75	75	73	71	71	70	58	67	66
21	66	65	65	65	64	65	67	66	67	69	67	69	76	71	70	67	66	66	66	64	64	64	65	66
22	64	63	63	60	59	60	61	63	65	70	76	75	72	73	74	73	70	69	71	69	70	69	68	68
23	67	67	65	65	64	64	66	66	69	73	75	75	76	77	78	80	79	75	72	70	69	68	67	66
24	65	63	61	57	56	57	60	60	63	66	66	64	63	61	59	58	58	57	56	55	54	54	55	55
25	56	55	56	56	57	57	58	60	61	62	65	67	70	71	69	67	65	67	68	68	70	71	71	71
26	70	69	67	67	66	65	65	66	68	69	70	72	73	74	69	66	64	62	59	57	56	56	56	56
27	55	55	55	56	56	56	57	59	58	59	62	66	72	76	80	75	77	74	71	70	68	68	68	68
28	68	68	67	67	68	69	70	72	74	77	80	84	85	85	85	79	78	76	75	74	73	73	73	71
29	70	68	68	69	66	65	65	65	66	67	66	65	67	70	68	64	62	60	58	58	57	56	55	54
30	52	52	51	50	51	51	53	53	51	52	53	54	54	54	54	54	56	57	57	57	56	55	54	53
31	54	54	54	54	54	55	55	56	56	57	57	59	62	62	66	70	72	70	70	69	68	67	67	66

U. S. Department of Agriculture Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JUNE, 1918.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
S 1	90	66	78	+14
S 2	91	76	84	+19
M 3	83	72	78	+13
T 4	77	62	70	+ 4
W 5	78	63	70	+ 4
T 6	74	62	68	+ 2
F 7	79	60	70	+ 4
S 8	73	52	62	— 5
S 9	76	59	68	+ 1
M 10	75	61	68	+ 1
T 11	61	56	58	—10
W 12	80	60	70	+ 2
T 13	69	55	62	— 6
F 14	67	55	61	— 7
S 15	74	56	65	— 3
S 16	73	58	66	— 3
M 17	76	58	67	— 2
T 18	77	62	70	+ 1
W 19	77	60	68	— 2
T 20	67	53	60	—10
F 21	61	55	58	—12
S 22	73	53	63	— 7
S 23	58	47	52	—18
M 24	77	55	66	— 5
T 25	72	60	66	— 5
W 26	73	58	66	— 5
T 27	74	58	66	— 5
F 28	67	56	62	— 9
S 29	69	55	62	—10
S 30	78	60	69	— 3
.....	..	..	..	....
Month	Mean 74.0	Mean 58.8	Mean 66.4	Blank ....
Normal	77.2	61.1	68.5	....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.94
Highest	30.25 on the 16th
Lowest	29.38 on the 12th
Highest recorded for this month since 1882	30.56 on the 2d in 1883
Lowest recorded for this month since 1882	29.34 on the 26th in 1902

Temperature.

Highest	91 on the 2d
Lowest	47 on the 23d
Greatest daily range	24 on the 1st
Least daily range	5 on the 11th
Average daily deficiency of this month as compared with the normal	2.1
Accumulated deficiency since January 1st	34
Average daily deficiency since January 1st	0.2
Highest for this month since 1871	97 on 6th in 1899
Lowest for this month since 1871	45 on 2d in 1907

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	66	66	66	66	66	67	68	69	71	77	81	84	86	88	89	90	89	88	87	85	84	83	81	81
2.....	79	79	78	78	76	77	78	82	83	84	85	86	87	87	88	89	90	90	86	84	82	81	79	78
3.....	76	75	74	74	73	73	72	75	77	79	80	80	79	82	83	83	80	79	78	76	75	74	73	72
4.....	69	67	65	64	63	62	64	65	68	74	75	75	74	73	71	70	69	68	67	66	65	66	66	65
5.....	64	64	63	63	63	64	65	67	69	75	77	78	77	76	73	68	67	67	68	69	68	67	66	66
6.....	66	65	64	64	62	62	64	66	69	70	71	72	71	69	68	67	67	66	66	66	65	65	65	65
7.....	66	67	67	67	67	67	67	70	71	72	72	71	74	72	77	79	78	74	72	69	66	64	61	60
8.....	58	57	56	54	53	52	55	57	59	61	64	66	69	72	71	72	71	70	69	67	66	65	63	62
9.....	61	61	60	59	59	59	61	63	68	71	72	73	74	75	75	76	76	75	74	73	70	68	67	66
10.....	65	65	64	64	64	64	63	64	66	68	69	72	74	75	72	72	70	68	66	65	62	62	61	61
11.....	60	59	58	57	57	56	57	56	56	56	57	58	57	58	59	59	59	58	59	59	59	60	60	60
12.....	61	61	62	63	64	64	65	66	67	69	72	74	75	76	77	78	80	78	75	71	69	66	64	62
13.....	61	60	59	58	58	56	57	56	57	56	59	60	64	67	68	68	69	69	68	66	64	63	63	61
14.....	58	58	57	56	55	56	58	60	60	61	62	64	66	67	63	61	60	62	62	61	58	57	57	56
15.....	57	56	57	56	56	57	60	62	64	67	70	70	71	71	73	74	74	73	72	69	67	66	64	62
16.....	61	59	60	60	58	62	61	60	68	70	70	69	72	73	72	72	70	68	66	63	63	62	62	61
17.....	60	60	59	58	58	60	61	64	68	69	70	70	71	72	75	76	75	73	71	70	69	68	68	66
18.....	65	64	64	64	65	66	66	67	66	65	69	69	74	77	73	71	69	69	68	64	63	63	62	62
19.....	62	61	62	60	60	62	66	66	70	71	72	74	76	77	76	74	71	72	72	70	66	62	60	61
20.....	59	57	55	54	53	55	56	57	60	61	62	63	64	67	65	63	61	59	58	57	57	56	56	56
21.....	55	55	55	55	56	56	56	57	58	57	57	57	55	57	61	59	58	59	59	59	60	60	57	55
22.....	58	59	60	60	60	61	63	63	64	66	68	70	71	70	70	70	69	66	64	61	59	57	54	53
23.....	51	49	48	48	47	47	50	50	47	47	50	53	54	55	57	58	58	56	55	55	55	58	55	56
24.....	56	56	56	55	56	56	58	60	63	65	67	69	71	72	75	75	77	76	76	73	70	68	67	66
25.....	65	67	64	65	60	63	66	64	64	66	68	70	70	71	70	69	72	70	66	65	65	65	63	63
26.....	62	60	59	59	58	58	60	61	63	67	70	73	72	71	71	71	69	69	68	67	63	63	61	60
27.....	60	60	59	59	58	59	59	62	64	66	67	68	70	71	72	74	73	73	72	70	68	67	63	62
28.....	61	60	58	57	56	58	60	63	63	64	67	67	65	64	64	63	64	62	60	58	57	57	56	56
29.....	56	56	55	56	55	56	57	57	58	60	63	63	65	68	69	68	66	64	62	61	60	59	59	60
30.....	60	60	60	60	60	61	62	64	69	71	73	75	76	78	75	74	72	70	68	66	64	64	64	64
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

New York, N. Y. Month of July, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
M 1	76	62	69	— 3
T 2	68	60	64	— 8
W 3	78	56	67	— 5
T 4	79	61	70	— 2
F 5	84	64	74	+ 1
S 6	75	63	69	— 4
S 7	78	62	70	— 3
M 8	70	58	64	— 9
T 9	69	58	64	— 9
W 10	78	61	70	— 3
T 11	77	60	68	— 5
F 12	81	62	72	— 1
S 13	72	64	68	— 6
S 14	79	62	70	— 4
M 15	86	61	74	0
T 16	87	69	78	+ 4
W 17	74	67	70	— 4
T 18	85	64	74	0
F 19	82	69	76	+ 2
S 20	88	66	77	+ 3
S 21	90	73	82	+ 8
M 22	94	72	83	+ 9
T 23	92	76	84	+10
W 24	85	72	78	+ 4
T 25	77	67	72	— 2
F 26	80	67	74	0
S 27	84	70	77	+ 3
S 28	85	70	78	+ 4
M 29	85	72	78	+ 4
T 30	82	67	74	0
W 31	69	62	66	— 8
Month	Mean 80.3	Mean 65.1	Mean 72.7	Blank ....
Normal	82.1	66.8	73.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.98
Highest	30.25 on the 26th
Lowest	29.75 on the 9th
Highest recorded for this month since 1882	30.51 on the 7th in 1892
Lowest recorded for this month since 1882	29.46 on the 8th in 1909

Temperature.

Highest	94 on the 22d
Lowest	56 on the 3d
Greatest daily range	25 on the 15th
Least daily range	7 on the 31st
Average daily deficiency of this month as compared with the normal	0.8
Accumulated deficiency since January 1st	58
Average daily deficiency since January 1st	0.3
Highest for this month since 1871	99 on the 3d in 1898
Lowest for this month since 1871	50 on the 15th in 1873

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	64	63	64	62	63	63	64	65	66	66	66	65	66	66	71	72	74	76	74	74	71	71	70	68
2	66	65	64	62	60	60	61	64	65	65	66	66	65	66	66	67	67	68	68	66	65	64	61	60
3	58	57	56	56	57	59	61	64	66	67	70	72	74	75	76	78	78	75	73	70	68	67	65	65
4	64	64	63	62	63	63	64	65	68	70	72	74	75	76	78	79	79	76	72	72	69	68	68	68
5	68	69	65	66	66	67	68	69	72	75	77	78	80	81	82	83	83	84	83	82	68	67	65	66
6	65	65	65	64	65	65	65	66	64	68	71	70	72	75	74	71	69	67	64	64	63	64	63	63
7	63	62	62	62	63	64	66	70	73	74	75	76	77	78	77	76	75	74	72	69	66	64	63	62
8	61	60	59	58	58	59	62	63	65	66	67	68	69	69	70	70	69	69	69	66	64	63	62	61
9	60	60	60	59	58	59	60	62	64	66	67	68	68	68	68	67	68	68	69	69	68	67	66	65
10	64	64	63	62	61	62	64	67	68	70	72	73	75	77	78	78	75	73	71	71	68	68	66	65
11	64	63	62	61	60	61	64	67	70	70	72	73	75	77	76	73	75	73	64	68	66	65	64	64
12	64	63	62	62	62	63	65	68	71	73	75	76	79	81	79	78	75	74	72	72	71	71	70	70
13	67	67	67	66	65	65	66	65	67	68	70	70	69	69	72	72	70	68	66	66	65	66	67	66
14	64	63	63	63	62	62	62	66	68	70	71	73	76	79	77	77	63	62	67	65	64	64	62	62
15	62	62	61	61	61	61	64	69	72	75	79	79	82	83	84	86	86	80	79	77	76	75	74	75
16	75	75	73	70	69	70	74	75	83	84	85	87	87	84	82	83	83	82	77	75	72	71	73	73
17	72	71	70	70	70	70	73	71	74	73	72	73	73	73	74	73	70	69	68	68	68	67	67	67
18	66	66	65	65	64	65	67	68	70	72	74	76	78	80	83	84	84	80	76	74	72	71	71	70
19	70	69	69	70	70	71	70	74	74	78	79	80	81	78	79	80	78	76	75	73	72	72	71	70
20	69	68	68	67	66	68	70	73	76	78	80	81	84	85	87	88	88	87	86	83	81	81	78	76
21	76	76	74	73	75	76	77	78	82	84	85	87	89	90	90	90	89	88	85	83	81	80	78	77
22	76	75	74	74	72	76	77	81	84	87	89	91	92	93	94	94	92	90	88	87	87	87	83	84
23	82	79	78	78	76	77	78	79	81	85	88	90	90	91	92	91	90	88	84	84	81	80	78	76
24	75	74	73	73	72	72	74	74	75	78	81	84	85	81	79	78	78	78	77	76	74	74	74	74
25	72	71	69	68	68	69	70	70	70	70	71	72	72	73	75	77	75	71	70	70	70	69	68	67
26	67	67	68	67	68	68	69	70	70	71	74	77	78	79	80	78	76	75	74	72	71	71	71	71
27	71	70	70	70	70	70	72	73	77	81	83	84	84	84	83	83	82	80	79	77	76	75	74	73
28	72	71	71	70	70	70	72	73	75	79	82	84	85	85	85	84	84	82	79	78	77	76	76	75
29	74	73	73	72	72	73	74	75	77	79	82	84	85	84	83	80	81	82	78	77	75	75	74	73
30	73	73	73	73	73	73	74	75	77	79	82	80	75	77	77	70	72	73	72	71	70	69	67	67
31	67	64	62	63	64	64	64	66	66	67	67	68	68	68	69	69	69	66	65	65	66	65	66	68

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF AUGUST, 1918.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
T 1	80	63	72	— 2
F 2	83	64	74	0
S 3	78	67	72	— 2
S 4	72	65	68	— 6
M 5	91	67	79	+ 5
T 6	93	78	86	+13
W 7	102	82	92	+19
T 8	94	80	87	+14
F 9	88	73	80	+ 7
S 10	73	63	68	— 5
S 11	70	62	66	— 7
M 12	83	68	76	+ 3
T 13	88	72	80	+ 7
W 14	92	73	82	+10
T 15	82	66	74	+ 2
F 16	83	64	74	+ 2
S 17	76	63	70	— 2
S 18	71	61	66	— 6
M 19	73	62	68	— 4
T 20	79	60	70	— 2
W 21	81	60	70	— 2
T 22	85	64	74	+ 2
F 23	88	68	78	+ 6
S 24	85	68	76	+ 5
S 25	81	72	76	+ 5
M 26	85	70	78	+ 7
T 27	82	68	75	+ 4
W 28	72	64	68	— 3
T 29	82	68	75	+ 5
F 30	85	64	74	+ 4
S 31	77	68	72	+ 2
Month	Mean 82.4	Mean 67.3	Mean 74.8	Blank ....
Normal	79.9	65.7	72.2	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.04
Highest	30.44 on the 19th
Lowest	29.72 on the 9th
Highest recorded for this month since 1882	30.44 on the 19th in 1918
Lowest recorded for this month since 1882	29.28 on the 9th in 1893

Temperature.

Highest	102 on the 7th
Lowest	60 on the 20th
Greatest daily range	24 on the 5th
Least daily range	7 on the 4th
Average daily excess of this month as compared with normal	2.6
Accumulated excess since January 1st	23
Average daily excess since January 1st	0.1
Highest for this month since 1871	102 on 7th in 1918
Lowest for this month since 1871	51 on 27th in 1885

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	64	65	68	65	64	63	64	66	69	72	74	75	78	80	78	77	75	74	73	71	70	70	70	69
2	67	65	64	64	65	65	66	68	70	73	76	78	80	82	83	83	82	81	80	78	77	75	74	73
3	72	70	70	70	70	69	68	69	68	69	70	71	72	74	75	77	78	78	74	73	72	71	70	69
4	68	68	67	67	66	65	67	68	69	71	72	70	70	69	67	68	68	68	68	68	68	68	68	68
5	67	68	68	69	70	71	72	73	75	78	81	84	87	89	90	91	91	89	87	86	84	84	83	82
6	80	80	79	78	79	80	82	86	88	89	90	92	93	93	92	90	89	88	86	85	84	84	83	83
7	83	82	84	84	85	86	86	89	92	94	97	97	99	100	102	100	99	98	96	92	93	93	90	88
8	84	82	81	81	80	80	81	83	83	82	86	88	91	92	93	92	94	93	92	87	84	83	82	81
9	80	80	78	78	78	77	77	80	81	84	87	86	87	86	88	88	88	86	85	83	81	80	77	73
10	71	70	69	69	68	67	69	71	70	68	68	68	68	68	67	67	66	65	65	66	65	64	63	63
11	62	62	62	62	63	63	64	64	64	65	67	68	68	69	69	69	69	70	70	69	69	69	69	68
12	68	69	69	70	70	70	71	71	71	73	78	80	81	80	71	73	72	72	73	74	73	72	73	73
13	73	72	74	74	73	74	74	76	79	82	86	88	88	88	88	88	85	84	83	83	81	80	79	78
14	76	75	74	74	73	73	74	78	80	85	87	88	91	91	91	92	80	80	79	78	76	76	75	74
15	71	70	67	66	66	67	68	69	72	75	77	76	78	79	80	82	80	78	76	74	72	73	71	70
16	70	68	67	66	65	64	66	72	74	76	79	81	81	81	82	83	81	82	80	79	74	74	72	72
17	70	70	68	65	64	64	64	65	66	69	71	71	72	72	73	76	75	73	69	67	66	66	65	65
18	64	64	63	65	62	61	62	63	65	67	69	71	69	69	68	68	68	67	67	66	65	65	65	64
19	64	63	63	63	62	63	63	66	68	69	70	70	72	72	70	67	69	69	67	66	65	65	64	63
20	62	61	61	60	60	61	62	66	69	70	73	77	79	78	79	78	77	74	71	70	68	67	66	65
21	64	63	61	61	61	60	63	68	75	76	78	78	79	80	80	81	79	77	77	75	72	71	68	67
22	66	65	65	64	64	64	65	67	70	74	78	81	83	84	85	85	83	82	80	79	77	75	74	73
23	71	70	69	69	68	68	69	72	74	79	83	85	85	87	88	88	87	85	82	80	77	75	73	72
24	71	70	69	69	68	68	69	71	74	77	80	82	83	83	84	85	85	82	78	76	73	73	72	72
25	72	72	72	72	72	72	72	73	73	74	77	78	80	81	79	76	77	75	74	73	72	72	72	72
26	71	71	70	70	71	72	72	73	77	80	79	80	80	81	83	85	84	83	81	81	79	78	76	75
27	73	73	72	70	69	68	70	74	75	75	74	73	79	80	82	81	75	72	70	69	69	68	68	68
28	67	66	65	64	64	64	64	67	68	68	69	70	72	71	69	69	68	67	67	67	67	67	68	68
29	69	69	69	69	69	69	69	70	70	72	74	80	81	82	82	80	77	76	69	70	72	72	71	70
30	70	70	68	67	66	65	64	66	67	70	74	76	78	82	84	85	77	76	73	71	71	70	69	70
31	70	69	69	69	68	68	69	70	69	70	71	72	76	76	77	75	74	73	73	73	73	69	68	68

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

New York, N. Y. Month of September, 1918.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal
S 1	78	62	70	0
M 2	77	61	69	— 1
T 3	76	64	70	0
W 4	80	67	74	+ 4
T 5	76	67	72	+ 2
F 6	70	60	65	— 4
S 7	68	56	62	— 7
S 8	63	56	60	— 9
M 9	73	54	64	— 4
T 10	77	58	68	0
W 11	62	51	56	—12
T 12	70	56	63	— 5
F 13	73	60	66	— 1
S 14	72	54	63	— 4
S 15	73	60	66	— 1
M 16	77	60	68	+ 2
T 17	78	62	70	+ 4
W 18	63	55	59	— 7
T 19	79	58	68	+ 2
F 20	72	48	60	— 5
S 21	61	46	54	—11
S 22	60	46	53	—12
M 23	65	51	58	— 6
T 24	66	53	60	— 4
W 25	64	52	58	— 6
T 26	68	52	60	— 4
F 27	63	44	54	— 9
S 28	67	49	58	— 5
S 29	70	53	62	0
M 30	65	50	58	— 4
....	....	....	....	....
Month	Mean	Mean	Mean	Blank
	70.2	55.5	62.8	....
Normal				Blank
	73.8	59.6	66.5	....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.04
Highest	30.36 on the 11th
Lowest	29.76 on the 18th
Highest recorded for this month since 1882	30.61 on the 7th in 1888
Lowest recorded for this month since 1882	29.34 on the 23d in 1885

Temperature.

Highest	80 on the 4th
Lowest	44 on the 27th
Greatest daily range	24 on the 20th
Least daily range	7 on the 8th
Average daily deficiency of this month as compared with the normal	3.7
Accumulated deficiency since January 1st	84
Average daily deficiency since January 1st	0.3
Highest for this month since 1871	100 on the 7th in 1888
Lowest for this month since 1871	39 on the 30th in 1912

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	68	68	66	64	63	62	63	64	66	68	70	71	73	75	77	78	77	76	74	73	70	68	70	67
2.....	66	65	63	62	61	65	68	68	71	74	77	74	73	72	72	72	71	70	69	68	67	67	66	66
3.....	66	65	65	65	64	64	66	66	68	70	71	73	75	74	71	73	69	69	68	68	68	68	68	69
4.....	69	68	68	67	67	68	69	70	73	76	77	78	78	80	75	74	72	71	70	70	70	70	69	69
5.....	69	68	68	67	67	68	69	71	71	72	73	74	75	73	76	74	73	72	71	70	70	70	70	70
6.....	70	69	69	69	70	70	70	66	64	62	64	65	65	65	66	68	69	68	64	63	62	62	61	60
7.....	59	58	58	57	57	56	57	58	59	60	64	63	65	66	67	67	68	67	66	66	65	65	63	62
8.....	62	61	60	60	59	60	61	60	61	62	62	62	63	63	61	61	60	59	58	57	57	56	56	56
9.....	55	54	55	54	54	56	56	58	62	63	65	67	69	70	72	73	73	70	65	64	64	64	62	61
10.....	61	60	60	59	59	58	59	62	66	70	74	75	76	76	76	75	73	71	68	65	64	63	62	60
11.....	59	57	56	54	52	51	53	55	56	58	59	59	60	62	60	59	59	59	59	58	57	56	57	56
12.....	56	57	58	59	60	61	61	62	65	66	68	68	68	67	67	66	65	65	64	63	62	62	62	63
13.....	63	64	65	64	63	61	62	61	61	62	66	69	71	72	73	73	71	69	67	66	65	64	62	61
14.....	60	59	57	56	55	54	56	59	62	65	66	67	69	70	71	72	72	71	69	68	67	68	67	66
15.....	64	63	62	62	61	61	60	66	68	69	70	72	72	71	73	72	69	67	65	65	65	65	64	64
16.....	62	61	62	61	61	60	61	63	65	70	73	74	76	77	75	73	72	71	71	69	69	68	68	68
17.....	68	68	67	67	67	67	68	68	70	71	75	78	77	73	74	74	71	67	65	63	63	62	62	62
18.....	61	58	57	56	56	57	58	58	60	60	61	61	62	63	63	60	59	60	62	62	61	61	61	60
19.....	60	60	59	59	58	58	60	63	64	65	70	74	77	78	79	78	76	71	69	68	66	66	65	67
20.....	67	68	69	69	70	71	70	70	71	71	64	63	64	63	52	60	55	54	54	53	52	51	49	48
21.....	48	48	47	46	47	46	46	49	52	55	56	57	58	59	60	60	61	59	56	56	54	53	51	50
22.....	49	48	47	47	46	46	48	50	53	54	55	56	58	60	59	60	59	58	57	56	55	55	54	53
23.....	52	51	51	52	53	54	55	56	57	59	61	62	63	64	64	65	65	64	63	63	62	61	60	59
24.....	58	57	56	56	55	53	54	55	56	60	63	65	66	65	65	65	64	63	62	60	59	57	55	55
25.....	54	56	55	53	56	55	56	57	57	56	56	57	59	63	64	63	62	61	60	60	59	59	60	62
26.....	63	63	63	62	62	62	62	62	62	63	64	65	65	66	66	68	68	66	63	60	56	54	53	52
27.....	50	48	46	45	44	44	45	47	51	54	57	59	60	60	62	63	62	60	59	58	57	56	56	54
28.....	53	52	51	51	51	50	50	52	55	58	60	65	65	66	67	67	66	64	62	62	61	60	59	58
29.....	57	56	55	54	54	53	54	55	61	64	66	67	69	70	70	69	67	64	62	60	56	55	54	53
30.....	52	52	53	52	51	50	52	55	58	61	63	63	65	65	65	64	64	63	61	61	60	60	53	50
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF OCTOBER, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	63	46	54	− 8
W 2	67	52	60	− 1
T 3	72	53	62	+ 1
F 4	67	47	57	− 3
S 5	68	52	60	0
S 6	75	60	68	+ 8
M 7	60	42	51	− 8
T 8	62	40	51	− 8
W 9	63	48	56	− 3
T 10	69	51	60	+ 2
F 11	75	55	65	+ 7
S 12	66	59	62	+ 5
S 13	74	56	65	+ 8
M 14	62	46	54	− 2
T 15	61	43	52	− 4
W 16	70	48	59	+ 3
T 17	64	54	59	+ 4
F 18	60	49	54	− 1
S 19	57	42	50	− 4
S 20	60	47	54	0
M 21	59	46	52	− 2
T 22	59	42	50	− 3
W 23	64	46	55	+ 2
T 24	63	49	56	+ 4
F 25	67	54	60	+ 8
S 26	71	59	65	+14
S 27	72	58	65	+14
M 28	68	58	63	+12
T 29	69	62	66	+16
W 30	73	64	68	+18
T 31	69	53	61	+11
Month	Mean 66.1	Mean 51.0	Mean 58.6	Blank ....
Normal	63.1	48.8	55.6	Blank ....

Atmospheric Pressure

(Reduced to sea-level; inches.)

Mean	30.12
Highest	30.54 on the 19th
Lowest	29.61 on the 6th
Highest recorded for this month since 1882	30.66 on the 17th in 1883
Lowest recorded for this month since 1882	29.15 on the 10th in 1894

Temperature

Highest	75 on the 11th
Lowest	40 on the 8th
Greatest daily range	22 on the 16th
Least daily range	7 on the 12th
Average daily excess of this month as compared with the normal	3.0
Accumulated excess since January 1st	6
Average daily excess or deficiency since January 1st	0.0
Highest for this month since 1871	88 on 1st in 1881
Lowest for this month since 1871	29 on 31st in 1917

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	49	48	48	48	48	46	48	47	48	50	52	54	58	60	62	63	60	58	55	55	55	54	54	54
2	54	54	55	54	53	53	53	54	56	60	63	64	64	66	67	66	66	64	64	65	64	63	63	62
3	62	62	63	64	64	65	65	65	65	66	69	71	70	70	72	70	67	64	63	61	59	57	55	53
4	52	51	51	50	50	49	49	52	51	53	57	62	63	62	67	64	60	59	58	58	57	56	56	54
5	55	55	53	53	52	53	54	56	58	61	64	67	67	68	68	68	66	65	64	64	63	63	64	63
6	63	63	63	62	62	61	63	64	64	65	68	70	72	74	74	70	68	68	67	66	65	64	62	60
7	56	49	46	47	45	46	43	43	43	44	47	50	51	52	53	54	55	55	54	53	52	50	51	51
8	48	49	47	43	40	40	42	44	52	54	56	58	60	61	62	62	60	57	54	54	54	55	53	51
9	52	51	50	51	51	49	51	51	53	54	57	60	62	63	62	63	60	58	57	57	56	54	57	53
10	52	52	52	52	51	52	54	42	55	58	60	62	65	66	68	68	69	68	66	65	64	63	61	58
11	60	58	58	57	58	58	57	61	63	70	71	73	74	75	75	74	72	71	70	68	65	63	62	61
12	61	61	60	60	60	60	59	61	61	62	63	64	65	66	66	65	62	61	62	61	61	61	60	59
13	58	58	57	57	56	57	57	58	58	62	68	70	72	73	74	73	71	70	69	67	60	59	57	56
14	56	55	53	52	51	51	52	54	56	57	59	60	61	60	61	61	58	56	54	52	50	48	47	46
15	46	45	44	43	44	43	44	46	48	51	52	53	57	59	60	61	60	57	56	56	55	55	54	53
16	53	52	51	50	50	49	48	50	54	57	63	66	68	69	70	68	66	64	61	60	60	59	59	58
17	57	55	55	55	54	55	55	56	58	60	61	62	63	64	63	62	61	59	58	58	58	59	57	56
18	56	55	54	55	56	60	59	56	53	51	52	61	52	52	53	52	50	51	52	52	51	50	49	49
19	48	47	46	44	42	44	45	46	48	50	51	53	55	57	55	54	50	50	50	49	49	49	49	50
20	50	48	47	47	48	49	50	54	56	55	58	59	59	59	59	60	58	58	58	58	58	58	58	58
21	58	58	58	56	55	54	53	54	55	56	58	57	58	58	58	58	55	53	52	50	48	48	47	46
22	45	45	44	44	43	43	42	44	46	50	52	53	56	57	58	59	58	57	55	55	53	53	52	51
23	46	47	47	47	48	49	49	51	52	53	57	62	64	63	61	62	60	59	58	57	55	54	53	52
24	51	50	49	50	50	50	51	53	52	55	58	62	63	60	61	59	56	56	56	55	55	54	54	54
25	55	55	55	55	56	56	56	57	61	62	65	66	67	67	66	65	63	62	62	61	60	60	59	60
26	59	60	61	60	61	61	61	62	63	64	66	70	70	69	65	65	64	64	64	65	65	65	65	65
27	64	64	63	63	62	61	61	60	60	67	69	71	72	69	66	65	64	62	61	60	60	60	59	59
28	58	58	58	58	59	59	59	60	61	62	64	67	67	67	68	68	66	65	64	64	63	63	63	62
29	63	62	63	63	63	64	64	64	65	66	68	69	68	67	67	69	68	67	66	64	63	62	63	64
30	65	66	66	66	65	66	66	66	66	68	70	72	71	72	70	69	69	68	67	66	65	65	66	66
31	69	69	66	65	64	64	64	64	65	64	65	67	68	69	67	66	64	59	56	57	54	54	53	53

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF NOVEMBER, 1918.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
F 1	56	45	50	+ 1
S 2	52	40	46	— 3
S 3	55	40	48	0
M 4	55	46	50	+ 2
T 5	49	41	45	— 3
W 6	49	39	44	— 4
T 7	54	39	46	— 1
F 8	64	49	56	+ 9
S 9	54	48	51	+ 5
S 10	60	41	50	+ 4
M 11	48	38	43	— 3
T 12	49	35	42	— 3
W 13	52	44	48	+ 3
T 14	51	38	44	— 1
F 15	57	37	47	+ 3
S 16	60	46	53	+ 9
S 17	60	54	57	+14
M 18	65	50	58	+15
T 19	55	43	49	+ 6
W 20	51	40	46	+ 4
T 21	47	42	44	+ 2
F 22	47	36	42	0
S 23	41	33	37	— 4
S 24	40	28	34	— 7
M 25	46	31	38	— 2
T 26	37	28	32	— 8
W 27	47	27	37	— 3
T 28	52	36	44	+ 5
F 29	55	40	48	+ 9
S 30	45	35	40	+ 1
....	..	..	..	....
Month	Mean	Mean	Mean	Blank
	51.8	39.6	45.7	....
	51.1	37.7	44.0	....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean	30.05
Highest	30.54 on the 6th
Lowest	29.16 on the 18th
Highest recorded for this month since 1882	30.80 on the 19th in 1891
Lowest recorded for this month since 1882	28.70 on the 13th in 1904

Temperature.

Highest	65 on the 18th
Lowest	27 on the 27th
Greatest daily range	20 on the 15th
Least daily range	5 on the 21st
Average daily excess of this month as compared with the normal	1.7
Accumulated excess since January 1st	56
Average daily excess since January 1st	0.2
Highest for this month since 1871	74 on 1st in 1882
Lowest for this month since 1871	7 on 30th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	52	51	51	50	49	49	48	49	50	51	52	55	55	56	54	53	52	51	50	49	48	47	46	45
2	45	44	43	42	41	40	40	42	47	49	50	50	51	51	50	52	50	48	47	46	46	45	43	42
3	41	40	41	42	43	43	42	43	46	48	49	50	53	54	55	54	53	52	51	51	50	50	48	48
4	48	48	46	47	48	49	50	50	52	53	53	54	55	55	54	54	53	52	50	49	48	47	46	46
5	47	46	45	44	43	42	42	42	42	42	43	45	47	47	47	49	49	48	47	48	49	48	45	44
6	43	43	43	42	41	40	40	40	40	42	44	45	47	49	48	49	46	44	43	43	43	43	42	41
7	41	42	42	41	41	40	40	39	42	46	48	50	52	53	54	52	52	51	51	50	48	48	49	49
8	50	51	51	53	52	53	51	52	57	58	59	60	62	63	64	60	57	55	54	53	53	53	52	51
9	51	51	50	50	49	49	48	49	51	52	53	53	53	54	53	53	53	54	54	54	52	53	53	54
10	55	56	56	56	56	55	55	54	55	57	58	60	57	54	52	50	49	48	47	46	44	43	42	41
11	40	40	40	39	38	39	41	41	42	43	41	44	46	46	48	48	47	47	46	46	43	42	39	38
12	36	35	36	37	39	40	39	40	43	44	46	47	48	47	47	47	46	46	46	46	45	46	46	46
13	45	45	45	44	44	45	46	46	46	46	47	50	50	49	51	50	48	47	49	48	47	46	45	45
14	42	41	40	38	39	40	41	42	44	46	48	48	48	50	50	49	47	46	45	44	44	43	43	42
15	40	39	38	38	37	38	40	39	41	45	49	52	56	56	57	57	56	55	55	54	53	52	50	49
16	49	49	48	47	47	47	47	46	47	48	52	55	57	60	60	59	56	55	56	54	55	54	54	54
17	54	55	56	57	58	57	57	57	56	55	56	57	57	58	58	58	58	58	59	60	57	58	59	60
18	62	62	61	62	62	61	61	62	62	62	62	65	60	59	60	59	58	57	55	53	52	51	50	50
19	50	50	49	49	48	48	47	48	50	52	55	54	54	54	54	53	52	51	51	51	51	48	45	43
20	43	43	42	41	40	40	40	41	43	46	47	46	49	50	50	49	48	48	46	47	46	45	44	43
21	43	42	42	43	42	42	42	42	42	43	46	44	45	45	44	45	45	44	44	44	43	44	43	43
22	44	43	42	42	41	41	40	40	40	41	43	44	47	45	45	44	42	40	38	38	38	37	36	36
23	36	36	35	35	34	34	34	33	34	35	36	37	40	41	40	39	38	37	36	36	36	34	33	33
24	32	32	31	31	31	30	29	29	30	30	35	37	40	40	40	39	38	38	37	36	35	34	34	33
25	32	31	32	32	31	32	33	34	36	38	40	41	45	46	45	44	42	40	40	39	38	38	36	35
26	36	37	37	35	32	31	30	30	29	29	30	32	36	37	36	34	33	32	32	32	32	32	32	31
27	30	30	30	29	27	28	29	29	31	36	39	42	44	45	47	46	44	43	42	42	41	41	39	38
28	38	36	39	36	39	38	41	41	38	40	43	45	46	46	46	47	47	48	48	47	47	49	50	52
29	55	54	52	49	47	46	46	45	45	47	50	49	49	49	48	47	46	45	44	44	43	43	42	40
30	40	40	39	38	37	37	36	37	40	41	43	43	44	45	43	42	40	38	37	36	35	36	35	35
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF DECEMBER, 1918.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
S 1	36	25	30	— 8
M 2	42	25	34	— 4
T 3	46	34	40	+ 3
W 4	47	34	40	+ 3
T 5	38	30	34	— 3
F 6	43	21	32	— 4
S 7	40	22	31	— 5
S 8	54	39	46	+10
M 9	52	37	44	+ 8
T 10	37	26	32	— 3
W 11	42	28	35	0
T 12	50	35	42	+ 7
F 13	46	39	42	+ 7
S 14	61	46	54	+20
S 15	60	41	50	+16
M 16	44	37	40	+ 6
T 17	45	34	40	+ 6
W 18	44	32	38	+ 4
T 19	42	33	38	+ 4
F 20	52	30	41	+ 8
S 21	46	37	42	+ 9
S 22	55	42	48	+15
M 23	58	48	53	+20
T 24	49	42	46	+13
W 25	48	36	42	+ 9
T 26	38	28	33	+ 1
F 27	36	25	30	— 2
S 28	35	26	30	— 2
S 29	36	23	30	— 2
M 30	40	23	32	0
T 31	48	29	38	+ 6
Month	Mean 45.5	Mean 32.5	Mean 39.0	Blank ....
Normal	40.9	28.0	34.4	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.13
Highest	30.74 on the 19th
Lowest	29.55 on the 4th
Highest recorded for this month since 1882	30.93 on the 28th in 1896
Lowest recorded for this month since 1882	28.97 on the 26th in 1909

Temperature.

Highest	61 on the 14th
Lowest	21 on the 6th
Greatest daily range	22 on the 6th
Least daily range	7 on the 24th
Average daily excess of this month as compared with the normal	4.6
Accumulated excess since January 1st	198
Average daily excess since January 1st	0.5
Highest for this month since 1871	66 on 23d in 1891
Lowest for this month since 1871	13 on 30th in 1917

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	34	34	35	36	33	32	30	29	28	29	30	31	34	34	33	32	31	30	29	28	28	27	26	25
2	26	27	27	28	28	28	28	28	31	33	35	37	37	38	39	39	39	40	40	41	42	39	41	41
3	38	40	38	38	37	36	36	35	35	37	41	42	43	44	45	46	45	45	46	45	45	45	45	46
4	45	45	44	42	41	40	39	39	40	44	46	44	44	45	42	41	39	38	37	36	36	35	35	34
5	33	32	32	31	30	30	31	32	33	34	35	36	38	37	36	36	34	33	33	33	34	34	31	30
6	32	35	43	43	38	37	36	36	43	42	40	38	36	34	32	30	28	26	25	24	22	21	22	22
7	23	23	23	22	23	24	25	26	25	28	30	31	32	33	36	37	38	39	39	40	39	39	39	39
8	40	40	31	40	40	40	41	41	42	42	43	44	45	46	50	51	52	54	52	50	50	49	52	51
9	51	51	49	48	47	47	46	46	46	47	46	48	50	51	50	48	46	44	43	42	40	38	37	37
10	36	36	37	35	33	31	28	29	27	26	29	31	32	32	34	34	32	32	31	32	31	30	29	28
11	29	29	30	30	31	32	32	33	32	33	35	36	37	39	39	38	40	40	40	41	41	42	42	40
12	38	35	36	36	36	37	37	37	40	42	44	46	46	47	48	50	48	47	45	44	42	42	41	41
13	40	41	44	45	43	42	41	41	40	39	40	40	40	41	41	41	42	42	43	44	45	45	45	46
14	46	47	48	48	49	50	49	48	49	50	50	51	52	51	51	52	53	55	56	56	58	60	60	60
15	59	58	57	56	56	55	55	56	55	56	57	53	52	52	51	50	48	47	46	44	43	42	41	42
16	42	42	42	41	41	41	40	41	41	41	42	42	43	44	44	44	43	42	41	41	40	39	38	37
17	37	37	36	36	36	35	35	34	36	37	39	41	42	43	45	44	43	41	38	39	38	37	38	37
18	37	36	35	34	33	33	33	34	35	36	39	42	43	42	44	44	42	42	41	41	38	37	37	37
19	34	36	34	35	35	34	33	33	36	37	39	41	40	40	41	39	38	37	38	38	36	35	34	33
20	33	33	34	33	32	33	31	30	33	39	43	45	48	50	51	49	47	44	43	42	40	40	38	39
21	38	38	38	37	37	37	37	37	37	39	40	41	42	44	45	45	46	46	46	45	44	43	43	43
22	44	44	45	45	46	48	48	47	48	48	50	53	53	52	51	52	52	53	52	52	52	52	53	55
23	55	55	54	53	52	51	51	50	52	53	54	55	56	57	58	57	54	52	50	50	51	50	49	48
24	47	46	45	44	43	43	43	42	42	43	45	46	45	44	43	44	45	44	43	44	46	48	49	48
25	47	46	44	44	43	43	42	43	43	43	44	45	48	46	46	43	41	40	39	39	38	37	36	36
26	36	36	36	36	36	35	35	35	34	30	32	34	37	37	37	35	34	33	32	31	30	30	29	28
27	27	27	26	26	25	25	27	27	31	31	30	31	34	36	33	32	31	30	30	30	30	29	29	28
28	28	27	27	26	27	28	29	29	30	31	32	31	35	34	33	33	32	31	30	29	28	28	29	27
29	27	27	26	26	25	25	24	23	25	27	30	31	32	34	36	35	34	33	32	31	30	29	29	28
30	28	28	27	29	26	25	23	24	26	30	32	34	39	38	38	38	36	34	33	32	31	31	30	29
31	29	30	31	32	33	33	33	34	36	40	42	44	46	48	46	44	42	41	41	41	39	40	40	41

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JANUARY, 1917.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
M 1	35	21	28	— 4
T 2	43	34	38	+ 7
W 3	44	35	40	+ 9
T 4	47	39	43	+12
F 5	52	39	46	+15
S 6	47	33	40	+10
S 7	47	32	40	+10
M 8	43	28	36	+ 6
T 9	47	36	42	+12
W 10	49	33	41	+11
T 11	33	9	21	— 9
F 12	23	7	15	—15
S 13	44	17	30	0
S 14	50	23	36	+ 6
M 15	26	17	22	— 8
T 16	31	19	25	— 5
W 17	32	17	24	— 6
T 18	39	25	32	+ 2
F 19	31	19	25	— 5
S 20	38	20	29	— 1
S 21	37	27	32	+ 2
M 22	48	25	36	+ 6
T 23	31	18	24	— 6
W 24	36	24	30	0
T 25	38	26	32	+ 2
F 26	33	19	26	— 4
S 27	27	13	20	—10
S 28	43	26	34	+ 4
M 29	44	31	38	+ 8
T 30	49	35	42	+12
W 31	44	35	40	+10
Month	Mean 39.7	Mean 25.2	Mean 32.4	Blank ....
Normal	37.6	24.1	30.2	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.03	
Highest	30.75	on the 15th
Lowest	29.36	on the 10th
Highest recorded for this month since 1882	30.92	on the 2d in 1899
Lowest recorded for this month since 1882	28.61	on the 3d in 1913

Temperature.

Highest	52	on the 5th
Lowest	7	on the 12th
Greatest daily range	27	on the 13th
Least daily range	8	on the 4th
Average daily excess of this month as compared with the normal	2.2	
Accumulated excess since January 1st	71	
Average daily excess since January 1st	2.2	
Highest for this month since 1871	67	on 12th in 1890
Lowest for this month since 1871	6	on 10th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	21	21	22	21	21	22	23	24	26	27	28	29	31	31	32	32	33	32	32	32	32	33	34	35
2	36	36	38	36	34	34	34	34	38	40	40	40	42	40	43	42	40	40	40	40	39	38	38	38
3	37	36	36	35	36	37	37	38	40	41	42	41	42	42	42	44	43	42	42	42	41	42	41	40
4	40	40	41	40	40	39	39	41	41	42	44	45	45	47	45	44	43	43	43	42	42	41	40	40
5	39	42	44	43	41	41	40	40	39	40	40	42	44	45	46	48	48	47	48	51	51	50	48	47
6	46	42	40	39	38	37	35	34	34	35	36	37	38	39	38	38	36	35	35	35	34	34	33	33
7	36	35	34	32	33	34	34	35	37	37	38	40	42	45	47	47	45	44	44	45	44	41	37	37
8	35	33	32	31	30	29	29	28	29	31	33	36	39	41	42	43	42	42	40	40	40	39	39	39
9	39	38	38	36	37	39	38	38	39	40	41	44	47	47	46	44	43	42	41	39	38	39	37	37
10	37	37	37	37	36	38	39	42	40	40	42	44	46	47	47	48	49	47	46	45	44	43	37	33
11	27	26	25	24	23	21	19	18	16	17	18	20	21	23	22	20	18	15	13	12	11	10	9	9
12	9	10	8	7	8	9	10	9	10	12	14	15	17	18	20	23	22	20	18	17	17	17	17	17
13	19	20	20	20	21	23	24	26	27	28	30	32	33	34	34	35	35	35	36	38	39	41	42	44
14	44	46	45	45	46	46	47	49	49	48	46	44	45	44	40	39	37	35	32	29	27	26	24	23
15	22	22	21	19	18	18	17	21	21	21	22	23	26	23	22	20	20	21	22	23	22	22	21	20
16	20	20	20	20	20	19	19	21	20	22	23	25	27	28	30	30	29	28	27	27	26	25	25	24
17	21	20	19	18	18	17	17	18	21	23	25	27	28	29	32	31	29	28	27	27	27	28	29	27
18	25	25	26	28	29	30	31	31	31	32	33	34	35	36	39	37	35	34	34	33	33	33	32	31
19	30	28	28	27	26	27	25	26	25	26	27	28	27	28	28	27	24	23	22	21	19	20	20	21
20	22	25	23	21	22	24	23	22	24	26	31	33	34	36	36	37	35	35	35	35	34	34	38	37
21	32	28	29	30	30	30	30	31	30	29	31	32	33	31	28	30	31	31	31	32	34	35	36	36
22	38	38	36	36	37	35	35	37	37	41	44	47	47	45	42	39	37	36	34	32	31	29	27	25
23	24	23	23	22	21	20	19	18	20	24	23	24	26	28	30	31	29	27	28	28	28	28	27	27
24	26	25	25	25	25	24	24	24	25	26	28	30	34	35	35	36	36	35	34	33	34	35	34	33
25	33	33	34	34	33	32	30	32	32	32	32	33	35	36	38	37	36	36	35	34	32	30	28	26
26	25	24	23	22	21	20	21	23	24	27	28	30	31	33	30	29	27	26	24	23	22	22	20	19
27	18	18	18	17	16	15	14	15	16	18	20	24	26	27	26	27	26	25	24	23	22	24	25	26
28	30	31	31	31	32	32	38	26	27	29	33	34	38	39	41	43	41	39	38	37	36	35	34	34
29	33	33	32	32	31	32	33	34	36	37	37	38	38	38	39	40	41	42	44	41	41	41	41	41
30	42	41	40	38	36	36	35	40	43	45	46	46	47	47	49	48	46	44	42	41	39	37	36	36
31	38	38	38	38	35	36	37	38	42	41	44	42	40	38	41	39	38	39	38	38	36	37	36	36

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF FEBRUARY, 1917.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	49	23	36	+ 6
F 2	23	9	16	—14
S 3	16	5	10	—20
S 4	35	14	24	— 6
M 5	35	12	24	— 6
T 6	30	12	21	— 9
W 7	36	19	28	— 2
T 8	48	31	40	+10
F 9	40	11	26	— 4
S 10	24	8	16	—14
S 11	24	7	16	—14
M 12	15	3	9	—21
T 13	24	0	12	—18
W 14	36	18	27	— 3
T 15	36	22	29	— 1
F 16	35	23	29	— 2
S 17	40	24	32	+ 1
S 18	48	29	38	+ 7
M 19	34	24	29	— 2
T 20	42	31	36	+ 5
W 21	37	24	30	— 1
T 22	38	23	30	— 1
F 23	43	27	35	+ 3
S 24	47	30	38	+ 6
S 25	33	19	26	— 6
M 26	54	30	42	+10
T 27	55	38	46	+14
W 28	39	28	34	+ 1
....	..	..	..	....
....	..	..	..	....
....	..	..	..	....
Month	Mean 36.3	Mean 19.4	Mean 27.8	Blank ....
Normal	37.7	23.6	30.7	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.97
Highest	30.54 on the 13th
Lowest	29.12 on the 5th
Highest recorded for this month since 1882	30.94 on the 5th in 1887
Lowest recorded for this month since 1882	28.70 on the 6th in 1896

Temperature.

Highest	55 on the 27th
Lowest	0 on the 13th
Greatest daily range	29 on the 9th
Least daily range	10 on the 19th
Average daily deficiency of this month as compared with the normal	2.9
Accumulated deficiency since January 1st	10
Average daily deficiency since January 1st	0.2
Highest for this month since 1871	69 on 5th in 1890
Lowest for this month since 1871	6 on 11th in 1899

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	35	35	34	35	36	36	37	38	36	37	36	39	44	48	49	45	41	39	36	34	32	28	25	23
2	20	19	19	17	16	14	13	13	14	15	17	20	18	19	19	18	15	13	12	11	12	11	10	9
3	9	7	7	7	6	5	6	7	8	9	10	11	13	14	15	15	16	14	14	14	13	13	14	14
4	15	16	16	17	18	19	20	20	22	25	27	30	32	34	34	34	35	34	34	34	34	31	33	34
5	35	34	27	23	19	17	18	16	13	13	12	13	13	13	17	16	18	19	16	14	14	14	13	14
6	18	15	14	13	13	13	12	12	15	20	24	26	28	28	29	28	27	25	24	24	22	21	20	20
7	20	20	21	20	19	19	19	20	21	22	26	28	30	33	35	36	36	36	36	36	36	34	33	33
8	32	31	34	32	32	32	32	33	34	36	38	40	42	44	46	48	45	43	44	44	42	43	42	40
9	39	37	38	37	37	38	38	38	39	39	37	36	36	32	26	25	23	22	20	19	16	14	12	11
10	11	10	10	10	10	9	9	9	12	14	16	17	18	19	21	24	22	21	20	19	18	19	18	18
11	21	23	24	23	17	16	16	16	17	19	21	21	21	22	23	21	17	15	13	12	10	9	8	7
12	6	6	6	5	4	4	8	4	6	8	10	9	11	13	13	12	10	9	7	6	5	4	4	3
13	2	2	1	1	1	0	1	2	8	12	16	18	20	22	24	23	22	22	22	22	23	22	20	18
14	19	20	20	20	20	20	20	20	24	26	28	30	34	34	35	35	33	32	31	32	31	31	29	29
15	30	30	30	30	29	27	27	26	27	28	29	31	36	34	33	31	28	28	27	27	25	22	23	24
16	24	24	24	24	24	23	23	24	27	29	30	31	32	30	32	33	32	33	35	32	32	32	30	28
17	27	28	26	26	24	26	25	27	32	33	34	35	37	37	39	38	37	36	39	40	40	39	39	38
18	37	38	38	36	36	37	40	44	44	45	46	47	46	47	48	47	44	41	38	37	34	32	30	29
19	27	27	28	27	24	24	25	28	28	28	29	30	30	30	29	33	30	28	30	31	30	31	32	34
20	33	32	38	38	32	37	37	37	38	38	39	39	39	38	41	42	41	40	39	38	37	34	32	31
21	29	28	27	26	26	25	24	25	26	28	29	31	32	34	36	37	36	34	33	32	31	30	30	32
22	30	29	28	27	25	25	24	25	24	24	27	31	34	36	38	38	36	34	33	32	31	30	29	30
23	29	29	28	29	27	28	29	30	34	34	35	37	39	40	41	41	39	40	41	42	42	42	43	42
24	42	41	40	40	39	39	38	40	42	39	41	45	43	45	46	47	45	41	39	30	37	36	33	30
25	28	27	26	25	23	21	20	19	20	22	24	26	27	30	33	30	27	27	27	27	28	28	30	30
26	31	32	33	34	35	36	37	38	39	39	40	40	42	47	47	49	50	50	52	54	52	51	51	51
27	50	49	48	47	49	48	48	49	50	54	53	48	49	49	48	47	45	43	42	41	39	38	33	38
28	38	37	37	36	35	34	34	34	33	35	30	28	28	29	29	31	32	32	32	32	32	33	33	32
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF MARCH, 1917.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	38	31	34	+ 1
F 2	37	29	33	— 1
S 3	37	32	34	0
S 4	37	31	34	0
M 5	34	23	28	— 6
T 6	34	18	26	— 8
W 7	38	24	31	— 4
T 8	45	36	40	+ 5
F 9	46	34	40	+ 5
S 10	45	31	38	+ 2
S 11	48	35	42	+ 6
M 12	51	30	40	+ 4
T 13	46	27	36	0
W 14	39	31	35	— 2
T 15	44	34	39	+ 2
F 16	46	32	39	+ 1
S 17	47	34	40	+ 2
S 18	41	26	34	— 4
M 19	31	20	26	—12
T 20	52	22	37	— 2
W 21	49	33	41	+ 2
T 22	50	32	41	+ 2
F 23	48	36	42	+ 2
S 24	55	43	49	+ 9
S 25	51	39	45	+ 5
M 26	51	41	46	+ 6
T 27	51	39	45	+ 4
W 28	47	35	41	0
T 29	51	40	46	+ 4
F 30	52	35	44	+ 2
S 31	64	41	52	+10
Month	Mean 45.3	Mean 32.1	Mean 38.7	Blank ....
Normal	45.2	30.7	37.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.07
Highest	30.57 on the 7th
Lowest	29.53 on the 27th
Highest recorded for this month since 1882	30.95 on the 18th in 1913
Lowest recorded for this month since 1882	28.38 on the 1st in 1914

Temperature.

Highest	64 on the 31st
Lowest	18 on the 6th
Greatest daily range	30 on the 20th
Least daily range	5 on the 3d
Average daily excess of this month as compared with the normal	1.2
Accumulated excess since January 1st	25
Average daily excess since January 1st	0.3
Highest for this month since 1871	78 on 30th in 1910
Lowest for this month since 1871	3 on 5th in 1872

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	32	32	31	32	31	32	33	35	34	35	34	35	35	36	37	37	36	36	36	36	36	36	36	35
2	34	33	34	34	32	33	32	31	32	32	32	34	35	36	35	37	36	35	32	30	30	30	34	33
3	33	32	33	33	34	33	32	32	34	34	34	35	35	36	35	37	36	35	32	30	30	33	34	33
4	36	36	34	32	33	33	34	35	35	35	35	35	36	35	34	35	34	34	34	34	32	31	31	32
5	32	32	32	32	32	32	31	31	31	32	32	32	33	34	32	31	31	30	28	27	25	24	24	23
6	22	22	21	20	20	19	18	21	23	24	27	28	29	31	32	33	34	33	31	31	30	29	29	28
7	26	25	24	24	25	28	27	31	29	32	34	35	37	36	38	38	37	34	33	34	34	35	36	36
8	37	38	38	39	40	41	42	42	42	42	43	43	43	42	43	45	45	44	44	43	43	42	40	39
9	38	37	36	36	36	35	34	36	37	39	42	43	44	44	46	45	44	42	41	40	38	37	35	34
10	34	34	34	33	33	32	31	31	33	35	38	38	41	43	44	45	42	41	40	39	40	40	38	36
11	38	38	35	37	39	38	38	38	39	39	39	40	40	40	41	43	44	45	46	46	47	47	48	48
12	47	47	49	49	51	51	50	44	43	39	40	41	42	42	42	41	39	38	36	35	33	32	30	30
13	29	28	28	28	27	28	27	31	34	35	38	39	42	45	45	45	44	44	43	41	40	39	40	37
14	36	38	37	36	36	35	34	36	31	31	32	33	34	34	36	37	38	38	37	37	38	37	38	37
15	37	36	36	35	35	35	36	35	35	36	41	42	40	43	44	42	40	39	37	37	36	36	35	34
16	34	34	34	33	33	32	33	34	36	37	39	41	42	43	45	45	46	44	43	41	39	37	37	36
17	36	35	35	34	35	36	37	38	37	37	38	39	40	41	43	45	46	45	43	43	42	41	40	39
18	37	37	36	35	35	33	33	34	40	40	38	33	37	35	37	40	39	36	35	34	32	30	28	26
19	25	24	23	22	21	20	21	22	23	25	24	25	26	27	29	30	29	27	26	25	23	23	23	22
20	23	24	25	26	26	28	31	33	36	40	42	44	47	50	51	52	52	52	52	51	50	49	50	49
21	49	46	43	43	42	42	40	42	43	45	46	45	41	41	40	41	42	41	40	38	36	35	34	33
22	34	33	32	32	36	34	33	32	33	37	39	42	44	45	47	48	50	50	47	46	45	45	41	40
23	39	38	39	36	37	37	37	38	40	44	46	47	47	44	44	43	42	42	42	42	44	44	47	48
24	48	48	47	47	48	49	50	50	43	44	48	50	52	54	54	54	53	51	50	49	49	48	47	45
25	45	43	42	41	40	39	41	43	46	48	50	51	48	47	47	45	44	43	42	42	41	40	40	41
26	41	41	42	42	42	42	44	45	44	48	47	48	49	51	50	49	46	45	44	44	44	43	43	43
27	44	44	44	45	45	45	45	45	49	48	48	47	46	47	47	51	49	49	46	44	41	40	41	39
28	38	37	37	36	35	35	36	38	40	43	45	46	46	46	44	45	46	44	43	43	43	43	42	41
29	40	41	42	42	43	45	45	44	40	42	45	50	51	50	49	50	49	47	46	45	43	42	42	40
30	39	38	36	37	36	36	36	37	38	40	42	44	47	49	50	52	51	51	49	48	47	47	46	45
31	44	43	43	42	43	43	41	45	45	47	53	56	57	59	60	61	58	62	64	63	62	63	62	62

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF APRIL, 1917.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal
S 1	79	48	64	+21
M 2	56	40	48	+ 5
T 3	54	42	48	+ 5
W 4	58	38	48	+ 4
T 5	46	33	40	— 4
F 6	47	34	40	— 4
S 7	44	37	40	— 5
S 8	44	32	38	— 7
M 9	39	25	32	—13
T 10	44	27	36	— 9
W 11	61	34	48	+ 2
T 12	55	40	48	+ 2
F 13	48	35	42	— 5
S 14	52	32	42	— 6
S 15	47	34	40	— 8
M 16	51	37	44	— 4
T 17	58	36	47	— 2
W 18	69	41	55	+ 6
T 19	69	46	58	+ 9
F 20	50	45	48	— 2
S 21	68	48	58	— 8
S 22	67	52	60	+ 9
M 23	73	53	63	+12
T 24	55	46	50	— 2
W 25	54	39	46	— 6
T 26	47	40	44	— 8
F 27	54	40	47	— 6
S 28	55	42	48	— 5
S 29	59	42	50	— 4
M 30	50	41	46	— 8
....	....	....	....	....
Month	Mean	Mean	Mean	Blank
	55.1	39.3	47.2	....
Normal				Blank
	56.8	40.9	48.1	....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.95
Highest	30.41 on the 4th
Lowest	29.26 on the 6th
Highest recorded for this month since 1882	30.68 on the 12th in 1895
Lowest recorded for this month since 1882	29.14 on the 2d in 1884

Temperature.

Highest	79 on the 1st
Lowest	25 on the 9th
Greatest daily range	31 on the 1st
Least daily range	5 on the 20th
Average daily deficiency of this month as compared with the normal	0.9
Accumulated excess or deficiency since January 1st	0.0
Average daily departure since January 1st	0
Highest for this month since 1871	91 on 27th in 1915
Lowest for this month since 1871	20 on 5th in 1874

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	59	62	60	59	56	55	54	57	61	65	69	73	76	78	79	79	78	76	74	69	60	56	51	48
2	44	44	43	41	41	41	40	42	44	46	48	51	54	54	54	56	54	53	49	50	49	47	51	50
3	48	47	48	48	44	43	43	44	45	45	46	49	51	53	54	54	53	52	49	48	46	44	43	42
4	41	41	40	40	39	39	40	42	45	47	49	51	52	54	57	58	53	49	46	46	45	44	44	45
5	42	41	43	40	43	42	42	43	45	45	44	44	43	42	44	43	40	37	36	35	34	33	33	34
6	37	40	43	45	45	46	44	43	45	46	45	46	47	46	46	45	44	43	42	42	40	41	42	43
7	40	40	38	38	40	41	41	41	42	42	41	41	42	43	43	43	42	40	39	38	38	38	38	37
8	36	35	34	33	33	32	33	34	35	38	39	40	43	44	44	43	42	41	42	40	40	37	35	32
9	32	31	29	28	27	25	26	29	29	31	34	36	38	39	38	37	35	33	32	31	31	30	30	29
10	28	28	27	27	27	28	29	31	33	35	38	40	41	42	43	44	43	42	40	38	37	36	36	35
11	35	35	35	34	34	35	37	39	42	45	48	50	54	56	58	60	61	60	58	57	57	56	55	55
12	54	50	42	40	41	41	42	42	43	45	46	49	49	47	44	43	41	40	43	43	43	43	42	41
13	42	40	39	36	37	38	38	38	40	41	43	45	44	46	45	48	47	45	42	40	39	38	36	35
14	34	34	33	33	32	32	34	36	39	41	44	45	48	49	51	52	50	48	45	44	43	40	38	37
15	37	36	35	35	34	34	38	40	42	44	45	44	46	47	46	46	47	46	45	44	44	43	42	41
16	41	40	40	39	37	39	39	40	40	41	44	46	47	49	51	51	50	50	49	48	46	45	43	41
17	40	39	38	37	36	37	40	43	44	46	50	53	57	58	57	56	54	51	48	47	46	46	45	44
18	43	42	41	42	41	41	42	43	50	53	58	60	61	65	68	69	69	69	68	66	65	62	59	58
19	56	55	52	49	47	47	48	49	50	54	56	58	61	64	69	67	54	53	54	51	50	50	49	48
20	48	48	48	47	47	48	46	46	46	47	49	48	46	47	48	48	47	46	45	46	46	48	49	50
21	50	50	49	48	49	50	50	49	52	54	55	61	68	66	68	64	61	61	57	60	60	60	58	57
22	56	55	54	53	53	52	53	54	57	59	61	62	64	66	67	65	63	61	61	59	59	62	61	61
23	62	60	56	57	58	58	60	62	66	70	69	71	72	73	71	68	67	68	66	64	61	58	56	53
24	49	46	48	50	50	49	47	47	46	47	50	53	55	53	53	53	53	52	51	50	51	50	49	46
25	46	45	43	42	39	39	41	42	44	47	49	51	53	54	54	50	47	46	44	43	42	41	41	41
26	42	42	42	42	42	42	42	43	45	46	46	46	46	45	46	46	45	44	44	43	40	42	41	42
27	42	41	41	41	41	40	40	42	45	50	51	52	52	53	53	54	49	47	45	44	43	43	43	43
28	43	42	42	43	44	44	44	45	47	49	51	51	53	53	53	54	55	55	54	52	51	50	48	46
29	45	44	44	44	44	45	47	49	52	56	58	59	54	53	54	51	50	47	44	43	44	43	42	42
30	41	42	42	42	43	43	43	43	43	43	44	44	44	45	48	50	48	50	46	44	44	43	43	43
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau.
MONTHLY METEOROLOGICAL SUMMARY.
WITH COMPARATIVE DATA.
NEW YORK, N. Y. MONTH OF MAY, 1917

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	47	40	44	—10
W 2	58	38	48	— 7
T 3	52	41	46	— 9
F 4	54	39	46	— 9
S 5	46	39	42	—14
S 6	48	38	43	—13
M 7	50	41	46	—10
T 8	52	42	47	—10
W 9	58	43	50	— 7
T 10	55	43	49	— 8
F 11	62	44	53	— 5
S 12	57	41	49	— 9
S 13	56	43	50	— 8
M 14	70	49	60	+ 1
T 15	60	49	54	— 5
W 16	61	47	54	— 5
T 17	66	44	55	— 5
F 18	70	47	58	— 2
S 19	76	53	64	+ 4
S 20	82	53	68	+ 7
M 21	70	52	61	0
T 22	63	48	56	— 5
W 23	64	48	56	— 6
T 24	61	47	54	— 8
F 25	60	45	52	—10
S 26	68	48	58	— 5
S 27	69	54	62	— 1
M 28	55	46	50	—13
T 29	59	48	54	—10
W 30	73	51	62	— 2
T 31	64	51	58	— 6
Month	Mean 60.8	Mean 45.5	Mean 53.2	Blank ....
Normal	68.4	51.9	59.3	Blank ....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean	29.83
Highest	30.26 on the 31st
Lowest	29.53 on the 11th
Highest recorded for this month since 1882	30.52 on the 18th in 1914
Lowest recorded for this month since 1882	29.13 on the 4th in 1893

Temperature.

Highest	82 on the 20th
Lowest	38 on the 6th
Greatest daily range	29 on the 20th
Least daily range	7 on the 1st
Average daily deficiency of this month as compared with the normal	6.1
Accumulated deficiency since January 1st	196
Average daily deficiency since January 1st	1.3
Highest for this month since 1871	95 on 31st in 1895
Lowest for this month since 1871	34 on 1st in 1876

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	43	43	43	42	42	42	42	42	42	43	44	45	45	46	47	45	44	42	41	41	40	40	41	41
2	40	41	41	39	38	40	44	49	51	55	55	56	57	58	58	58	57	57	55	52	51	51	50	50
3	49	48	46	44	44	43	45	46	45	46	48	49	50	51	52	52	51	50	48	45	45	44	42	41
4	41	41	40	40	39	40	41	43	48	49	53	51	49	46	45	44	43	42	43	43	42	42	42	41
5	40	40	39	39	40	41	41	41	40	41	42	43	45	46	46	45	44	45	44	44	42	41	40	39
6	38	40	41	41	42	42	43	43	44	45	46	46	47	47	48	48	48	48	48	48	47	46	43	41
7	41	41	42	42	42	43	43	43	44	45	48	49	49	50	50	50	47	46	45	44	44	44	44	44
8	44	42	42	42	44	44	43	45	45	46	46	47	48	51	50	51	50	50	49	49	48	47	46	45
9	46	45	44	44	45	43	45	46	48	50	53	58	55	54	53	51	52	51	50	49	47	46	45	45
10	45	44	43	43	43	43	46	48	50	52	52	53	55	54	55	54	53	53	53	53	53	52	51	49
11	48	47	46	46	45	44	48	51	54	56	58	59	61	62	62	62	61	59	56	54	50	48	47	47
12	45	44	43	42	41	42	45	47	50	50	52	54	57	54	55	56	54	52	50	48	48	47	47	46
13	45	45	44	43	44	45	46	47	48	49	50	51	53	54	55	56	56	55	54	54	52	52	51	50
14	50	49	49	49	50	51	52	55	58	60	64	65	67	69	70	70	69	68	65	62	60	59	58	57
15	57	56	55	53	52	51	51	52	53	55	56	57	58	59	60	60	59	58	56	54	52	50	50	49
16	49	49	48	47	47	48	50	51	52	54	54	55	55	56	59	60	56	54	51	51	51	50	50	48
17	48	46	46	46	45	44	47	49	50	53	56	58	60	62	64	65	66	65	64	62	60	59	56	55
18	53	52	51	48	47	48	50	52	54	57	60	64	62	61	63	65	66	66	68	69	70	69	69	69
19	68	67	66	64	62	61	61	65	66	70	73	74	75	76	71	70	65	60	58	57	56	54	53	53
20	54	55	56	56	57	57	58	59	69	75	77	80	82	82	79	79	81	78	70	66	62	61	60	59
21	57	56	55	54	53	52	53	54	55	58	60	63	65	68	69	70	70	66	61	60	58	57	57	56
22	55	53	53	52	50	51	53	54	55	56	56	56	57	56	59	60	55	54	52	51	50	48	49	48
23	48	49	49	49	49	51	52	53	54	56	57	61	61	58	59	62	64	63	58	57	55	54	53	51
24	51	50	50	48	47	49	51	53	53	57	58	58	59	60	60	60	60	61	60	59	58	57	55	53
25	52	51	50	49	48	45	47	49	53	54	55	56	57	57	59	59	60	59	57	56	55	53	53	53
26	52	51	50	50	50	48	51	55	58	60	63	65	66	67	68	68	68	68	67	65	63	62	61	59
27	58	57	57	57	57	54	55	56	58	61	66	67	68	69	67	67	68	62	58	57	56	56	55	54
28	53	53	53	52	52	52	53	53	54	54	54	54	54	54	54	55	52	51	49	48	46	47	47	48
29	49	50	50	51	51	50	48	49	50	51	52	53	54	54	56	57	59	58	56	54	55	55	54	52
30	51	52	52	53	53	53	53	54	56	58	60	62	65	68	71	73	73	69	64	61	60	60	59	57
31	56	54	53	52	51	52	53	55	57	60	63	62	64	63	63	63	61	60	59	58	56	55	55	55

Highest
Lowest
Greatest
Least
Average
Accumulated
Average
Highest
Lowest

Mean
Highest
Lowest
Highest
Lowest

Normal

Monthly

F
S
S
M
T
W
T
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M
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W
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F
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S
M
T
W
T

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JUNE, 1917.

Date	Temperature (Degrees Fahrenheit) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
F 1	62	53	58	— 6
S 2	70	56	63	— 2
S 3	79	59	69	+ 4
M 4	78	57	68	+ 2
T 5	74	55	64	— 2
W 6	77	56	66	0
T 7	72	56	64	— 2
F 8	80	62	71	+ 4
S 9	79	63	71	+ 4
S 10	74	59	66	— 1
M 11	67	60	64	— 4
T 12	75	59	67	— 1
W 13	67	58	62	— 6
T 14	75	58	66	— 2
F 15	72	60	66	— 2
S 16	73	58	66	— 3
S 17	71	53	62	— 7
M 18	77	57	67	— 2
T 19	81	64	72	+ 2
W 20	79	64	72	+ 2
T 21	80	64	72	+ 2
F 22	87	65	76	+ 6
S 23	84	68	76	+ 6
S 24	84	64	74	+ 3
M 25	78	60	69	— 2
T 26	78	63	70	— 1
W 27	82	65	74	+ 3
T 28	81	67	74	+ 3
F 29	79	65	72	0
S 30	78	59	68	— 4
.....	..	..	..	....
Month	Mean	Mean	Mean	Blank
	76.4	60.2	68.3	.....
Normal	77.2	61.1	68.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.01
Highest	30.32 on the 13th
Lowest	29.75 on the 14th
Highest recorded for this month since 1882	30.56 on the 2d in 1883
Lowest recorded for this month since 1882	29.34 on the 26th in 1902

Temperature.

Highest	87 on the 22d
Lowest	53 on the 1st
Greatest daily range	22 on the 22d
Least daily range	7 on the 11th
Average daily deficiency of this month as compared with the normal	0.2
Accumulated deficiency since January 1st	196
Average daily deficiency since January 1st	1.1
Highest for this month since 1871	97 on 6th in 1899
Lowest for this month since 1871	46 on 2d in 1907

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	55	55	54	54	54	53	53	53	53	53	54	55	56	58	60	62	61	61	62	60	59	58	59	58
2.....	56	56	57	57	57	57	57	58	57	58	60	63	67	67	69	69	68	67	65	65	65	65	63	62
3.....	59	62	60	61	61	62	64	65	67	71	74	78	78	79	79	76	75	73	70	67	64	63	62	62
4.....	61	59	58	58	57	57	58	59	63	65	69	72	75	77	78	76	72	69	66	65	62	61	60	59
5.....	58	56	55	55	56	57	59	62	65	68	71	73	73	74	73	69	68	66	65	64	63	65	66	65
6.....	65	65	64	64	62	61	62	63	66	69	72	73	74	76	70	65	63	62	61	60	59	58	57	56
7.....	58	58	58	58	58	59	60	62	64	65	67	70	72	69	67	65	63	62	64	66	66	66	65	64
8.....	64	63	63	62	62	63	63	63	66	69	71	72	76	80	80	77	76	73	72	71	70	70	71	68
9.....	67	66	65	64	64	63	64	66	70	74	78	78	79	79	79	76	74	73	72	70	69	68	67	67
10.....	65	63	62	63	61	60	62	63	64	65	70	72	73	70	71	73	69	66	65	65	65	65	63	62
11.....	62	62	63	62	61	60	61	62	61	62	64	65	65	65	67	67	65	65	64	63	64	63	62	61
12.....	61	62	62	63	64	64	65	66	68	70	72	73	75	75	71	70	68	67	65	64	61	61	60	59
13.....	60	59	60	59	60	61	61	61	62	64	64	64	64	64	67	63	61	60	60	59	59	59	58	58
14.....	58	59	60	61	62	63	63	64	65	65	70	70	73	69	67	67	67	67	67	66	65	65	64	64
15.....	64	64	63	62	61	63	64	63	65	66	69	71	69	66	65	63	65	61	60	61	60	62	63	63
16.....	62	61	60	60	59	59	59	58	60	62	64	68	69	70	70	73	72	69	66	63	62	61	59	58
17.....	58	57	56	55	54	53	55	59	60	62	63	65	68	69	70	70	71	71	70	67	66	65	64	62
18.....	61	60	58	57	57	57	59	63	68	70	71	72	74	75	76	77	77	76	75	74	73	72	71	69
19.....	67	66	67	66	65	64	64	67	68	70	72	74	76	79	81	77	75	76	72	75	75	75	73	72
20.....	70	69	68	66	65	64	66	69	72	75	77	78	78	79	79	78	77	76	73	71	70	69	68	67
21.....	66	65	65	65	65	64	66	68	74	75	78	79	80	77	79	79	79	78	74	71	70	70	69	68
22.....	67	66	66	66	65	65	68	72	73	75	80	85	86	87	87	86	81	79	76	74	76	75	73	71
23.....	70	70	70	70	68	71	73	74	76	77	78	79	78	80	84	83	80	76	74	73	70	71	70	68
24.....	68	68	67	66	67	67	70	71	74	75	77	79	82	84	84	84	82	79	76	74	69	67	66	64
25.....	63	62	61	60	60	62	64	65	66	71	72	73	75	76	78	78	75	72	71	70	69	68	67	66
26.....	65	64	64	64	63	65	66	68	73	75	76	77	78	78	78	77	75	72	70	69	68	68	68	68
27.....	66	65	65	65	66	69	69	70	74	76	79	80	81	82	82	81	82	81	80	79	78	77	76	75
28.....	72	71	70	68	68	67	67	68	72	73	76	78	80	81	80	81	81	80	74	74	72	72	70	69
29.....	67	67	66	65	66	66	68	69	69	68	69	73	79	76	76	77	75	75	74	73	69	72	67	66
30.....	65	64	62	61	60	59	63	66	69	70	71	72	75	76	77	77	78	78	77	76	75	73	71	70
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JULY, 1917.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
S 1	80	63	72	0
M 2	88	66	77	+ 5
T 3	74	64	69	— 3
W 4	78	64	71	— 1
T 5	81	67	74	+ 1
F 6	80	68	74	+ 1
S 7	79	67	73	0
S 8	70	63	66	— 7
M 9	75	62	68	— 5
T 10	65	60	62	—11
W 11	66	58	62	—11
T 12	71	60	66	— 7
F 13	81	67	74	0
S 14	81	65	73	— 1
S 15	75	68	72	— 2
M 16	85	68	76	+ 2
T 17	87	70	78	+ 4
W 18	80	70	75	+ 1
T 19	77	70	74	0
F 20	83	69	76	+ 2
S 21	81	70	76	+ 2
S 22	86	66	76	+ 2
M 23	86	70	78	+ 4
T 24	86	70	78	+ 4
W 25	84	70	77	+ 3
T 26	85	71	78	+ 4
F 27	90	73	82	+ 8
S 28	80	66	73	— 1
S 29	81	66	74	0
M 30	95	75	85	+11
T 31	98	80	89	+15
Month	Mean 80.9	Mean 67.3	Mean 74.1	Blank ....
Normal	82.1	66.8	73.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.97
Highest	30.21 on the 25th
Lowest	29.65 on the 11th
Highest recorded for this month since 1882	30.51 on the 7th in 1892
Lowest recorded for this month since 1882	29.46 on the 8th in 1909

Temperature.

Highest	98 on the 31st
Lowest	58 on the 11th
Greatest daily range	22 on the 2nd
Least daily range	5 on the 10th
Average daily excess of this month as compared with the normal	0.6
Accumulated deficiency since January 1st	176
Average daily deficiency since January 1st	0.8
Highest for this month since 1871	99 on 3d in 1898
Lowest for this month since 1871	50 on 15th in 1873

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	68	67	66	64	63	65	67	71	74	76	77	78	79	79	79	79	80	78	79	76	76	75	75	72
2.....	71	71	71	70	69	68	70	73	76	79	82	83	86	87	88	88	87	84	77	67	70	69	70	69
3.....	69	68	68	67	67	68	68	70	70	72	73	74	68	67	67	67	67	64	65	66	66	67	66	65
4.....	65	66	66	64	67	66	65	65	68	68	71	74	77	78	78	77	77	76	72	72	73	73	73	71
5.....	71	70	69	68	67	67	68	70	70	71	75	76	78	80	81	81	81	79	76	72	72	72	71	70
6.....	68	68	69	70	70	71	72	74	77	76	79	80	80	80	80	79	77	74	72	71	70	70	69	68
7.....	67	67	67	67	67	68	70	73	75	76	76	77	78	79	79	79	78	76	73	70	70	69	69	68
8.....	68	67	66	66	65	65	66	68	70	70	69	70	70	70	70	70	69	69	68	67	66	65	64	63
9.....	63	63	63	63	62	63	64	66	69	70	73	75	68	67	69	66	66	65	64	64	64	64	63	63
10.....	62	62	62	61	60	60	61	62	61	62	63	64	65	64	63	64	64	64	63	63	64	63	63	63
11.....	61	61	60	59	59	58	58	60	60	61	63	62	66	65	64	64	63	63	62	62	61	62	61	60
12.....	60	60	60	60	60	61	62	62	62	64	65	64	65	66	68	69	71	70	69	68	65	68	70	70
13.....	69	69	68	68	68	67	68	69	72	75	78	78	79	80	80	81	81	81	80	79	77	75	72	72
14.....	71	69	68	68	68	70	70	69	72	74	79	80	80	80	81	81	81	80	68	66	66	67	68	69
15.....	69	68	68	68	68	68	68	68	68	69	70	69	70	70	72	73	74	74	75	75	73	74	72	71
16.....	70	70	69	68	68	69	71	74	76	78	80	80	83	84	84	85	85	82	80	79	77	78	78	77
17.....	76	75	74	72	71	70	71	72	75	77	78	80	82	83	85	87	82	80	79	79	75	75	73	73
18.....	72	70	71	71	71	70	72	74	75	77	78	79	79	80	80	80	80	79	78	77	76	75	73	73
19.....	72	71	70	70	70	71	71	72	74	75	76	76	72	76	76	75	74	74	73	73	72	71	71	71
20.....	71	70	70	70	69	69	70	72	76	78	80	81	82	82	83	83	83	81	79	78	76	74	73	72
21.....	72	71	71	71	70	70	71	72	74	76	78	77	79	81	81	80	80	78	76	75	73	72	72	72
22.....	72	72	71	71	71	71	71	72	73	77	81	83	85	86	85	66	78	79	79	79	77	75	74	73
23.....	71	70	70	71	71	71	72	74	77	80	84	86	85	86	85	84	81	78	76	74	74	74	73	72
24.....	72	71	71	70	70	70	71	72	76	79	82	86	85	84	81	78	77	77	75	73	76	74	74	73
25.....	73	74	74	73	70	73	73	74	77	77	77	77	79	80	83	84	80	77	73	72	70	70	71	71
26.....	72	72	72	72	73	74	75	76	81	82	85	84	85	84	80	76	77	78	77	76	77	76	76	75
27.....	74	74	73	73	73	73	74	75	77	82	84	86	88	90	89	88	86	85	84	82	81	79	76	73
28.....	72	71	69	68	67	66	68	70	72	76	77	78	78	79	79	80	80	80	79	76	75	74	73	72
29.....	70	69	70	69	66	68	69	72	70	71	73	75	78	81	78	76	74	73	74	74	75	76	76	77
30.....	77	77	76	75	77	78	81	82	86	88	90	91	93	94	95	94	94	92	91	88	86	85	83	82
31.....	84	84	81	81	81	80	81	84	88	90	93	94	95	96	97	97	98	98	96	94	97	92	91	90

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF AUGUST, 1917.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
W 1	98	80	89	+15
T 2	96	72	84	+10
F 3	83	67	75	+ 1
S 4	80	65	72	— 2
S 5	82	68	75	+ 1
M 6	82	66	74	+ 1
T 7	88	69	78	+ 5
W 8	78	72	75	+ 2
T 9	83	72	78	+ 5
F 10	80	67	74	+ 1
S 11	82	66	74	+ 1
S 12	83	65	74	+ 1
M 13	83	68	76	+ 3
T 14	78	67	72	0
W 15	81	70	76	+ 4
T 16	80	69	74	+ 2
F 17	85	69	77	+ 5
S 18	80	61	70	— 2
S 19	81	65	73	+ 1
M 20	84	67	76	+ 4
T 21	85	68	76	+ 4
W 22	80	68	74	+ 2
T 23	76	66	71	— 1
F 24	83	70	76	+ 5
S 25	82	63	72	+ 1
S 26	74	56	65	— 6
M 27	82	61	72	+ 1
T 28	80	63	72	+ 1
W 29	83	68	76	+ 6
T 30	81	66	74	+ 4
F 31	75	63	69	— 1
Month	Mean 82.2	Mean 67.0	Mean 74.6	Blank ....
Normal	79.9	65.7	72.2	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.01
Highest	30.32 on the 31st
Lowest	29.63 on the 24th
Highest recorded for this month since 1882	30.43 on the 9th in 1904
Lowest recorded for this month since 1882	29.28 on the 9th in 1893

Temperature.

Highest	98 on the 1st
Lowest	56 on the 26th
Greatest daily range	24 on the 2nd
Least daily range	6 on the 8th
Average daily excess or this month as compared with the normal	2.4
Accumulated deficiency since January 1st	102
Average daily deficiency since January 1st	0.4
Highest for this month since 1871	98 on 1st in 1917
Lowest for this month since 1871	51 on 27th in 1885

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	88	87	86	85	84	85	87	89	93	95	89	90	93	97	94	86	84	83	84	84	82	82	80	80
2.....	81	79	78	77	77	78	79	80	85	89	91	95	96	95	87	85	83	82	81	80	79	77	75	72
3.....	73	74	73	73	72	72	67	69	71	73	75	77	79	80	81	83	82	80	77	76	75	75	74	71
4.....	68	68	67	67	65	66	67	67	69	71	74	76	77	79	20	80	80	79	79	78	77	76	72	73
5.....	72	70	70	69	69	68	70	74	75	76	77	79	82	80	78	79	77	77	73	72	71	70	69	68
6.....	67	66	66	66	66	67	69	70	73	75	78	79	79	80	81	82	81	79	77	75	74	73	72	72
7.....	72	71	70	70	69	72	74	75	78	82	84	86	87	88	88	85	79	77	75	74	73	72	72	72
8.....	72	72	72	72	72	72	73	74	75	76	77	76	78	76	77	76	76	75	74	74	73	73	73	72
9.....	72	72	72	73	72	72	72	75	77	75	74	76	77	82	81	82	81	79	77	76	75	74	73	72
10.....	72	71	69	68	67	67	68	69	70	72	74	76	77	78	79	80	80	79	76	74	72	71	70	70
11.....	69	69	69	68	67	66	66	70	74	75	77	79	79	80	81	80	79	78	77	77	75	73	72	71
12.....	70	70	67	66	66	66	65	69	73	76	79	80	82	83	82	82	80	77	75	72	71	70	69	69
13.....	69	69	69	68	69	69	71	72	76	79	81	82	83	82	80	78	78	77	76	76	75	74	73	72
14.....	70	69	69	68	68	67	70	72	75	77	78	78	78	78	77	76	75	74	73	72	72	72	71	71
15.....	71	71	70	70	70	70	71	72	75	78	77	77	79	79	80	77	76	75	73	73	73	72	72	72
16.....	71	71	71	71	70	70	70	72	75	78	79	80	78	78	77	76	74	74	73	72	72	72	71	70
17.....	70	70	70	70	70	70	70	72	76	77	80	84	85	85	83	82	81	80	80	78	77	76	72	69
18.....	66	66	64	62	62	61	64	65	70	72	74	75	76	78	79	80	80	80	77	74	72	71	69	69
19.....	68	67	66	65	65	66	67	69	75	76	78	79	80	81	81	80	79	76	74	73	72	71	71	71
20.....	70	69	68	67	67	68	69	71	75	78	81	82	83	84	84	84	82	79	78	76	74	73	72	71
21.....	70	69	69	68	68	69	71	72	77	80	81	83	85	85	84	81	80	77	77	77	78	78	77	74
22.....	68	70	69	69	70	70	70	70	73	72	74	76	78	79	79	77	75	74	73	72	71	71	70	69
23.....	66	67	68	68	68	68	69	70	71	73	73	74	74	75	76	76	75	73	73	73	73	73	73	73
24.....	73	73	73	73	74	73	71	72	76	78	80	81	82	82	72	75	77	70	76	74	73	72	71	71
25.....	71	70	70	71	70	71	72	74	76	78	80	80	81	82	82	82	82	80	76	73	71	69	66	63
26.....	61	60	59	58	57	56	58	60	62	65	68	70	72	73	73	74	74	73	71	70	70	69	67	66
27.....	66	66	63	62	61	61	64	66	74	78	81	81	82	82	82	82	81	81	79	77	75	72	72	69
28.....	66	66	65	63	64	64	66	67	71	74	77	77	78	79	80	80	80	79	76	73	72	72	71	70
29.....	69	69	69	69	68	68	69	70	71	74	76	78	81	83	81	79	78	77	76	75	75	74	73	73
30.....	71	71	71	70	70	69	70	72	74	74	76	79	81	80	76	73	72	71	72	73	71	69	68	66
31.....	64	64	64	65	66	66	66	67	69	71	72	73	75	75	72	70	69	68	67	67	67	67	67	67

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF SEPTEMBER, 1917.

Date	Temperature. (Degrees Fahrenheit) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
S 1	71	64	68	— 2
S 2	75	63	69	— 1
M 3	78	64	71	+ 1
T 4	71	57	64	— 6
W 5	71	55	63	— 7
T 6	73	61	67	— 2
F 7	71	54	62	— 7
S 8	62	52	57	—12
S 9	69	53	61	— 7
M 10	61	48	54	—14
T 11	60	43	52	—16
W 12	70	49	60	— 8
T 13	74	53	64	— 3
F 14	73	59	66	— 1
S 15	69	59	64	— 3
S 16	65	56	60	— 6
M 17	68	52	60	— 6
T 18	76	56	66	0
W 19	79	59	69	+ 3
T 20	83	61	72	+ 7
F 21	77	60	68	+ 3
S 22	66	53	60	— 5
S 23	61	48	54	—10
M 24	60	50	55	— 9
T 25	70	55	62	— 2
W 26	75	55	65	+ 1
T 27	75	56	66	+ 3
F 28	72	61	66	+ 3
S 29	70	56	63	+ 1
S 30	67	52	60	— 2
Month	Mean	Mean	Mean	Blank
	70.4	55.5	63.0	....
Normal				Blank
	73.8	59.6	66.5	....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.11
Highest	30.52 on the 23rd
Lowest	29.56 on the 30th
Highest recorded for this month since 1882	30.61 on the 7th in 1888
Lowest recorded for this month since 1882	29.34 on the 23rd in 1885

Temperature.

Highest	83 on the 20th
Lowest	43 on the 11th
Greatest daily range	22 on the 20th
Least daily range	7 on the 1st
Average daily deficiency of this month as comared with the normal	3.5
Accumulated deficiency since January 1st	209
Average daily deficiency since January 1st	0.8
Highest for this month since 1871	100 on 7th in 1888
Lowest for this month since 1871	39 on 30th in 1912

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	67	67	66	66	66	65	64	65	64	65	67	68	71	70	68	67	67	66	67	66	68	66	65	65
2	65	65	63	64	65	65	65	66	66	67	70	71	71	72	73	74	75	73	73	74	73	73	72	72
3	71	69	68	68	68	67	67	67	69	70	73	75	77	78	76	77	75	73	71	69	66	65	65	64
4	63	62	60	59	57	57	58	60	63	65	67	69	70	70	71	71	70	68	67	66	64	63	61	60
5	58	57	56	55	55	56	57	58	64	64	65	67	69	69	71	70	68	67	65	64	63	62	61	61
6	62	62	62	62	63	63	63	63	62	63	66	68	70	72	73	72	72	71	71	71	68	66	63	61
7	58	57	57	56	55	54	56	58	61	63	67	68	69	71	71	69	66	64	63	62	62	63	62	62
8	60	57	53	53	54	52	53	55	56	56	57	58	59	60	60	60	59	59	59	59	59	57	57	57
9	56	56	55	55	54	53	53	56	58	62	64	66	66	69	67	69	66	66	64	62	61	60	59	59
10	58	58	58	58	57	56	54	53	52	53	55	57	59	60	61	61	60	57	54	52	50	49	48	48
11	46	46	45	44	44	43	45	47	50	52	55	56	58	59	60	60	60	59	58	58	55	54	55	54
12	51	50	50	50	50	49	52	54	59	61	63	64	67	69	70	69	65	62	61	60	59	58	57	56
13	55	55	54	53	54	55	60	62	65	69	71	72	74	74	74	74	70	67	66	64	63	62	61	60
14	60	59	60	60	60	60	63	65	68	71	71	73	70	69	67	66	65	65	62	63	64	64	64	63
15	63	63	62	61	60	60	60	61	63	64	66	67	67	68	69	68	67	66	65	64	62	61	60	59
16	58	58	58	57	57	56	57	58	59	61	63	63	65	65	65	64	63	62	60	60	59	59	58	58
17	57	55	54	53	52	52	54	56	60	53	63	64	66	68	66	64	63	62	61	61	59	59	59	59
18	58	58	58	58	58	57	56	59	61	65	68	71	73	75	75	76	76	75	72	70	68	67	66	65
19	65	65	65	66	59	61	62	65	69	72	76	76	77	78	79	79	73	72	71	69	67	67	67	65
20	63	63	63	64	62	62	61	62	67	71	76	78	81	83	81	79	79	77	76	75	72	70	70	68
21	68	67	67	66	66	64	66	66	69	73	76	77	76	75	74	73	71	69	68	67	66	64	61	60
22	58	56	56	56	55	53	54	56	59	61	62	63	65	66	66	66	65	64	62	61	60	58	57	56
23	55	53	51	50	49	48	49	51	54	56	59	61	59	57	56	56	55	55	54	54	54	53	53	52
24	52	51	61	50	50	51	52	52	52	52	53	54	57	58	59	59	60	60	59	59	59	58	58	58
25	57	57	56	56	57	57	57	57	58	60	63	65	66	68	70	69	68	63	62	61	60	60	58	57
26	56	56	55	56	57	57	57	58	61	64	69	71	72	74	75	75	75	74	72	70	67	66	64	62
27	61	60	59	60	58	56	56	59	65	68	71	73	75	75	74	74	72	70	67	66	66	63	61	61
28	61	62	62	62	62	63	63	63	63	64	66	68	71	72	71	70	70	69	68	68	68	68	67	66
29	63	61	59	58	57	56	58	60	60	64	66	67	68	69	70	69	65	63	63	62	62	61	61	60
30	60	60	58	57	57	54	55	54	54	55	58	61	66	66	67	65	63	61	59	56	55	55	54	52
31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF OCTOBER, 1917.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
M 1	61	47	54	— 8
T 2	62	45	54	— 7
W 3	63	49	56	— 5
T 4	70	53	62	+ 2
F 5	74	54	64	+ 4
S 6	60	46	53	— 7
S 7	57	41	49	—10
M 8	63	48	56	— 3
T 9	50	40	45	—14
W 10	55	41	48	—10
T 11	55	45	50	— 8
F 12	59	44	52	— 5
S 13	54	36	45	—12
S 14	59	41	50	— 6
M 15	67	50	58	+ 2
T 16	67	54	60	+ 4
W 17	58	45	52	— 3
T 18	57	52	54	— 1
F 19	66	53	60	+ 6
S 20	53	40	46	— 8
S 21	52	37	44	—10
M 22	59	39	49	— 4
T 23	54	46	50	— 3
W 24	57	44	50	— 2
T 25	52	41	46	— 6
F 26	56	40	48	— 3
S 27	66	53	60	+ 9
S 28	60	48	54	+ 3
M 29	61	47	54	+ 4
T 30	65	35	50	0
W 31	46	29	38	—12
Month	Mean 59.3	Mean 44.6	Mean 52.0	Blank ....
Normal	63.1	48.8	55.6	Blank ....

Atmospheric Pressure.

Reduced to sea-level; inches.)

Mean	30.05
Highest	30.39 on the 18th
Lowest	29.44 on the 30th
Highest recorded for this month since 1882	30.66 on the 17th in 1883
Lowest recorded for this month since 1882	29.15 on the 10th in 1894

Temperature.

Highest	74 on the 5th
Lowest	29 on the 31st
Greatest daily range	30 on the 30th
Least daily range	5 on the 18th
Average daily deficiency of this month as compared with the normal	3.6
Accumulated deficiency since January 1st	322
Average daily deficiency since January 1st	1.1
Highest for this month since 1871	88 on 1st in 1881
Lowest for this month since 1871	29 on 31st in 1917

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	51	51	50	48	47	47	49	54	56	56	58	59	60	60	59	60	58	56	54	53	52	51	50	49
2.....	48	47	46	45	45	45	46	48	51	54	56	58	62	61	60	60	58	57	56	56	56	56	55	55
3.....	54	52	51	50	49	50	53	54	58	61	62	63	62	63	60	61	60	59	58	58	58	57	56	55
4.....	54	54	53	53	53	55	54	54	56	58	60	62	67	69	70	70	67	64	63	61	62	61	60	59
5.....	59	58	56	56	57	57	58	58	60	62	65	66	69	73	74	70	68	66	63	59	54	55	55	56
6.....	55	55	54	54	53	53	53	54	56	57	58	59	59	60	60	58	56	53	51	49	48	48	47	46
7.....	46	45	44	43	42	41	43	45	50	53	53	54	57	57	56	55	54	53	53	52	53	52	50	51
8.....	51	50	48	48	49	50	51	52	58	59	61	62	63	62	62	61	61	61	57	53	51	50	50	49
9.....	48	47	46	47	45	45	44	46	48	50	47	46	45	41	40	41	43	43	43	42	41	42	42	43
10.....	44	45	45	44	42	42	42	43	45	46	50	52	55	54	55	54	52	50	49	48	48	48	47	47
11.....	46	46	46	45	45	46	46	46	45	48	48	49	52	53	54	55	54	53	50	48	47	46	46	47
12.....	48	49	50	51	52	53	53	54	55	56	57	58	59	58	58	58	48	47	47	47	45	44	44	44
13.....	43	42	40	39	38	37	37	36	39	44	46	48	51	53	54	54	54	52	50	49	48	46	45	44
14.....	44	43	43	42	42	41	42	44	49	52	54	56	58	59	59	59	58	55	54	53	52	51	50	50
15.....	50	51	51	51	52	53	53	53	56	59	61	63	64	65	66	67	67	66	66	64	63	63	61	60
16.....	59	60	59	59	58	57	57	57	57	58	60	62	65	66	66	67	66	66	64	63	60	58	56	54
17.....	52	50	49	48	47	46	45	45	50	52	54	56	58	58	57	57	55	53	52	52	51	51	52	52
18.....	53	53	53	53	54	54	54	54	54	54	55	57	57	57	57	56	56	56	56	56	56	56	57	57
19.....	58	58	58	59	59	58	60	60	61	63	64	66	65	65	65	65	62	62	63	64	64	61	55	53
20.....	51	49	44	42	41	42	42	40	41	43	46	47	49	51	53	53	50	47	46	44	43	43	43	42
21.....	41	41	40	40	40	39	37	38	41	46	47	48	51	52	50	51	50	50	50	50	48	47	46	44
22.....	45	43	43	42	40	40	39	42	45	47	52	58	58	58	58	59	57	54	53	52	51	49	48	48
23.....	47	46	47	48	47	47	47	48	50	51	53	52	53	54	53	53	52	52	51	50	49	49	49	49
24.....	49	49	49	48	47	46	45	45	46	48	50	52	53	56	55	53	48	44	45	45	45	45	44	44
25.....	43	42	42	41	42	43	43	43	45	48	48	51	52	52	51	52	49	48	49	48	48	47	47	45
26.....	45	45	44	42	41	40	40	44	47	52	53	53	54	55	56	54	54	53	53	53	52	52	53	53
27.....	54	54	54	54	53	54	54	54	56	62	61	66	64	63	60	59	59	57	58	58	60	60	59	60
28.....	59	57	56	53	52	50	49	49	50	52	54	56	57	58	58	58	57	54	53	52	52	53	51	50
29.....	50	49	48	48	48	47	49	50	53	55	55	55	55	56	56	56	56	56	57	57	58	59	60	61
30.....	62	63	64	65	64	64	64	64	63	62	60	50	46	42	40	39	38	39	39	39	37	36	36	35
31.....	35	34	33	32	31	30	29	31	35	39	42	45	46	46	46	44	42	41	40	39	37	37	36	35

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF NOVEMBER, 1917

Date	Temperature. (Degrees Fahrenheit) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	47	34	40	— 9
F 2	48	34	41	— 8
S 3	47	33	40	— 8
S 4	45	33	39	— 9
M 5	52	30	41	— 7
T 6	61	38	50	+ 2
W 7	46	34	40	— 7
T 8	53	31	42	— 5
F 9	57	40	48	+ 2
S 10	60	43	52	+ 6
S 11	56	40	48	+ 2
M 12	58	40	49	+ 4
T 13	45	36	40	— 5
W 14	58	36	47	+ 2
T 15	63	42	52	+ 8
F 16	44	36	40	— 4
S 17	52	35	44	+ 1
S 18	61	39	50	+ 7
M 19	42	31	36	— 7
T 20	46	34	40	— 2
W 21	46	39	42	0
T 22	53	42	48	+ 6
F 23	53	38	46	+ 5
S 24	38	27	32	— 9
S 25	30	20	25	—15
M 26	31	21	26	—14
T 27	31	18	24	—16
W 28	38	27	32	— 7
T 29	46	31	38	— 1
F 30	45	38	42	+ 3
Month	Mean 48.4	Mean 34.0	Mean 41.2	Blank ....
Normal	51.1	37.7	44.0	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.08
Highest	30.64 on the 27th
Lowest	29.39 on the 22nd
Highest recorded for this month since 1882	30.80 on the 19th in 1891
Lowest recorded for this month since 1882	28.70 on the 13th in 1904

Temperature.

Highest	63 on the 15th
Lowest	18 on the 27th
Greatest daily range	23 on the 6th
Least daily range	7 on the 21st
Average daily deficiency of this month as compared with the normal	2.8
Accumulated deficiency since January 1st	407
Average daily deficiency since January 1st	1.2
Highest for this month since 1871	74 on 1st in 1882
Lowest for this month since 1871	7 on 30th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	35	35	34	34	34	34	35	35	38	40	42	44	45	46	47	47	46	45	45	45	43	41	40	39
2.....	38	37	36	35	35	34	34	35	37	40	42	44	46	48	48	47	46	46	45	43	42	42	42	40
3.....	39	38	37	36	34	34	33	35	40	42	43	45	47	47	47	46	45	45	45	44	43	41	39	37
4.....	37	35	35	34	33	33	33	34	36	38	40	41	44	45	45	45	44	43	42	41	39	40	38	37
5.....	34	34	34	32	31	30	30	33	35	37	41	44	49	50	52	51	49	47	47	46	46	45	45	43
6.....	42	42	42	41	40	38	40	43	45	50	53	55	58	58	59	61	60	61	60	54	49	46	45	43
7.....	41	40	39	38	37	35	34	36	38	39	40	42	44	46	46	46	44	43	41	39	38	37	36	34
8.....	33	33	32	32	31	31	32	34	38	42	44	47	50	52	53	52	51	49	48	47	46	46	45	44
9.....	43	42	42	41	41	40	40	42	43	46	47	50	54	55	57	56	52	50	49	48	50	50	48	49
10.....	49	45	45	46	46	43	46	48	51	54	56	58	60	60	59	57	55	54	52	50	47	46	45	44
11.....	43	43	41	40	42	42	42	42	44	46	50	51	53	56	56	52	49	49	48	48	48	49	48	46
12.....	46	44	43	43	43	43	44	44	48	52	58	57	58	58	55	52	48	47	47	48	46	44	42	40
13.....	39	38	37	37	36	36	36	36	38	38	40	41	43	45	44	44	43	43	43	43	42	41	41	41
14.....	39	38	37	36	37	38	38	39	42	45	48	50	55	57	57	54	52	52	52	51	49	48	49	48
15.....	49	46	44	42	44	44	43	45	47	50	54	57	60	63	63	61	58	56	50	46	44	44	44	43
16.....	43	43	43	43	42	42	41	42	44	44	44	44	43	43	42	42	41	40	39	39	33	37	37	36
17.....	36	36	35	36	37	38	39	40	44	46	47	49	51	52	52	50	47	46	45	44	44	44	43	46
18.....	42	41	42	41	40	40	39	42	45	49	54	56	58	60	61	61	60	58	56	55	50	45	42	40
19.....	39	38	37	37	36	35	34	33	31	32	35	38	40	42	40	40	39	38	37	36	35	35	34	34
20.....	35	36	37	37	35	35	34	34	39	42	44	45	46	46	46	46	46	46	45	45	44	44	43	43
21.....	41	40	42	42	42	42	42	42	42	42	44	43	42	42	43	44	44	45	44	43	43	43	42	42
22.....	43	44	45	46	47	47	46	45	44	46	48	49	50	52	53	52	51	50	50	51	51	51	49	49
23.....	50	49	48	48	47	46	45	44	44	45	46	48	51	53	53	53	50	48	46	45	43	41	40	38
24.....	37	36	36	34	32	31	31	32	34	36	36	36	37	36	36	34	34	32	31	31	30	29	28	27
25.....	26	25	24	23	22	21	20	22	21	22	24	27	29	30	30	29	27	26	24	23	22	22	22	21
26.....	21	21	21	21	22	22	22	23	25	27	28	30	31	31	30	29	26	25	24	23	22	22	21	21
27.....	21	20	20	19	19	18	18	18	20	22	23	25	28	29	30	30	30	30	21	30	30	30	31	31
28.....	28	27	28	30	31	32	32	33	34	33	32	31	32	35	36	38	38	37	36	35	35	36	36	34
29.....	34	33	33	33	32	31	32	33	35	37	39	41	44	45	46	42	41	40	39	39	39	42	41	39
30.....	38	38	40	40	40	40	40	40	41	41	42	42	42	43	43	43	43	43	43	43	44	43	44	45

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF DECEMBER, 1917.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
S 1	46	38	42	+ 4
S 2	38	23	30	— 8
M 3	40	23	32	— 5
T 4	37	29	33	— 4
W 5	44	29	36	— 1
T 6	39	27	33	— 3
F 7	33	19	26	—10
S 8	45	20	32	— 4
S 9	38	15	26	—10
M 10	20	10	15	—20
T 11	25	9	17	—18
W 12	26	17	22	—13
T 13	36	19	28	— 7
F 14	31	17	24	—10
S 15	23	11	17	—17
S 16	24	12	18	—16
M 17	32	18	25	— 9
T 18	35	23	29	— 5
W 19	39	27	33	— 1
T 20	40	32	36	+ 3
F 21	45	28	36	+ 3
S 22	42	22	32	— 1
S 23	34	15	24	— 9
M 24	42	30	36	+ 3
T 25	40	24	32	— 1
W 26	27	19	23	— 9
T 27	26	12	19	—13
F 28	37	8	22	—10
S 29	8	–6	1	—31
S 30	4	–13	–4	—36
M 31	6	–7	0	—32
Normal	Mean 32.3	Mean 17.7	Mean 25.0	Blank ....
Month	40.9	28.0	34.4	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.22
Highest	30.74 on the 16th
Lowest	29.10 on the 14th
Highest recorded for this month since 1882	30.93 on the 28th in 1896
Lowest recorded for this month since 1882	28.97 on the 26th in 1909

Temperature.

Highest	46 on the 1st
Lowest	–13 on the 30th
Greatest daily range	28 on the 29th
Least daily range	7 on the 20th
Average daily deficiency of this month as compared with the normal	9.4
Accumulated deficiency since January 1st	697
Average daily deficiency since January 1st	1.9
Highest for this month since 1871	68 on 23rd in 1891
Lowest for this month since 1871	–13 on 30th in 1917

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	46	43	43	42	42	42	41	41	40	42	44	44	44	43	43	44	43	42	41	40	39	38	38	38
2.....	37	37	37	37	37	36	35	34	34	34	35	36	35	36	35	34	32	30	28	26	26	25	24	23
3.....	23	24	24	24	25	25	25	25	26	30	33	34	39	39	40	40	40	39	39	39	38	37	35	36
4.....	32	34	33	31	31	29	30	31	32	32	33	33	35	36	35	36	37	37	35	36	35	35	34	33
5.....	33	32	31	30	30	29	30	31	37	38	43	42	44	43	42	41	40	40	38	37	37	37	37	37
6.....	35	35	34	33	32	32	31	32	33	35	37	38	39	39	39	38	37	37	35	34	32	30	28	27
7.....	25	26	24	23	22	21	21	20	20	24	26	29	31	32	33	33	33	32	31	30	28	26	25	23
8.....	22	21	20	22	23	23	23	23	23	24	25	23	26	28	32	33	34	36	38	45	44	44	42	38
9.....	36	34	31	29	26	24	22	20	18	17	15	16	17	17	18	17	16	16	16	16	18	19	19	20
10.....	18	18	18	16	15	13	11	10	11	12	13	15	18	19	18	17	16	15	14	13	12	11	12	11
11.....	11	11	9	9	10	9	9	10	12	16	19	22	25	25	25	23	22	21	20	20	19	20	18	17
12.....	17	18	18	22	23	23	22	21	22	22	23	24	26	26	25	25	25	25	26	24	22	21	20	21
13.....	19	22	21	21	21	21	21	21	23	27	27	28	30	30	31	33	36	34	33	33	32	32	31	31
14.....	30	30	28	27	25	25	24	25	24	24	23	23	23	23	22	22	22	22	21	21	20	19	18	17
15.....	16	15	14	13	13	12	11	11	13	17	20	23	22	22	22	21	20	19	17	16	15	14	14	13
16.....	13	13	14	14	14	13	12	16	18	18	13	18	21	22	22	22	22	23	24	23	21	18	16	18
17.....	20	20	21	21	22	23	24	25	26	27	28	29	30	31	32	32	31	31	30	28	27	25	26	24
18.....	25	27	27	27	28	28	29	29	30	30	32	33	34	35	35	35	35	34	34	33	33	33	32	32
19.....	32	31	31	31	28	27	29	33	31	34	36	37	36	39	37	37	37	38	39	38	36	36	36	35
20.....	34	34	34	34	35	34	33	33	33	33	33	35	36	38	38	37	38	39	39	39	38	38	38	35
21.....	35	33	33	33	32	21	28	29	31	35	37	39	42	43	44	45	45	44	42	41	41	40	39	40
22.....	42	40	42	41	39	38	36	34	32	33	33	34	34	34	35	34	31	30	28	26	26	24	23	22
23.....	20	20	20	19	18	18	17	17	19	21	22	24	33	33	32	32	30	31	30	32	31	31	31	30
24.....	31	32	32	32	33	34	34	35	36	37	39	40	41	42	41	41	41	41	39	39	39	39	38	38
25.....	39	38	37	37	37	37	36	40	39	36	36	37	36	35	35	35	33	32	30	29	27	26	25	24
26.....	23	23	22	22	21	20	19	20	20	22	23	25	26	27	26	25	24	23	22	22	21	21	19	22
27.....	19	18	19	16	18	14	13	14	18	20	23	22	23	23	24	23	20	21	22	22	26	23	22	21
28.....	24	25	26	26	26	25	27	27	26	29	31	32	33	35	37	34	30	24	18	14	12	10	9	8
29.....	8	8	7	5	3	2	1	−1	0	2	−2	0	2	4	3	3	2	1	0	−2	−3	−4	−6	−6
30.....	−7	−8	−9	−9	−10	−11	−11	−12	−11	−8	−6	−3	−1	1	4	2	1	−1	−3	−4	−5	−5	−6	−6
31.....	−7	−7	−6	−5	−5	−5	−7	−6	−4	−2	0	1	3	4	6	6	5	3	2	2	2	2	2	2

COMPLAINANT'S EXHIBIT 478—Continued.

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JANUARY, 1916.

Date	Temperature (Degrees Fahrenheit) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	41	29	35	+ 3
2	42	33	38	+ 7
3	40	30	35	+ 4
4	38	25	32	+ 1
5	56	33	44	+13
6	56	27	42	+12
7	30	20	25	— 5
8	24	14	19	—11
9	30	12	21	— 9
10	40	29	34	+ 4
11	51	35	43	+13
12	38	31	34	+ 4
13	51	30	40	+10
14	30	9	20	—10
15	25	7	16	—14
16	35	24	30	0
17	17	11	20	—10
18	20	8	14	—16
19	30	13	22	— 8
20	40	26	33	+ 3
21	54	36	45	+15
22	59	46	52	+22
23	48	35	42	+12
24	43	32	38	+ 8
25	54	38	46	+16
26	58	46	52	+22
27	66	53	60	+30
28	65	34	50	+20
29	38	26	32	+ 2
Month	Mean 43.0	Mean 27.7	Mean 35.4	Blank ....
Normal	37.6	24.1	30.2	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.23
Highest	30.69 on the 20th
Lowest	29.61 on the 5th
Highest recorded for this month since 1882	30.92 on the 2nd in 1899
Lowest recorded for this month since 1882	28.61 on the 3d in 1913

Temperature.

Highest	66 on the 27th
Lowest	7 on the 15th
Greatest daily range	31 on the 28th
Least daily range	7 on the 12th
Average daily excess of this month as compared with the normal	5.2
Accumulated excess since January 1st	163
Average daily excess since January 1st	5.2
Highest for this month since 1871	67 on 12th in 1890
Lowest for this month since 1871	—5 on 10th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	29	30	30	30	30	31	31	32	33	33	34	35	36	37	37	36	37	36	36	36	37	38	38	41
2	40	38	37	35	33	34	36	36	36	37	38	40	40	39	38	39	37	37	38	39	38	37	39	40
3	38	37	36	35	33	33	34	34	36	38	39	39	40	39	39	38	36	34	33	32	31	30	31	31
4	30	29	28	27	27	26	26	26	28	30	33	35	34	36	38	36	35	35	35	34	34	33	33	33
5	35	37	38	38	39	40	40	40	40	41	41	41	43	45	46	49	50	52	52	53	55	56	56	56
6	56	55	52	50	46	44	43	41	37	36	38	34	33	32	33	31	30	29	28	29	29	28	27	28
7	28	29	29	29	29	28	24	24	24	24	25	24	25	26	28	29	28	27	26	27	27	24	23	20
8	20	19	18	17	16	16	15	14	15	16	17	19	21	22	23	23	23	23	22	20	18	18	17	16
9	16	15	14	14	13	13	12	14	15	24	21	25	27	28	29	29	28	26	26	28	28	28	30	29
10	30	30	31	31	33	35	37	38	39	39	37	35	35	35	36	36	36	37	37	37	36	36	36	35
11	35	36	37	38	39	38	38	38	39	41	46	51	51	50	50	49	49	47	46	45	42	41	40	38
12	36	35	34	33	32	34	33	34	33	34	35	34	34	35	35	35	35	34	35	36	35	36	36	37
13	37	39	40	41	45	46	49	50	49	46	45	45	45	48	49	47	45	41	38	35	33	32	31	30
14	30	29	29	28	28	27	26	25	27	25	24	24	24	24	22	22	20	16	14	13	11	10	10	9
15	9	8	7	7	7	8	9	10	10	11	16	22	22	23	24	24	23	24	25	24	23	23	24	24
16	25	26	26	26	26	26	27	27	27	27	27	28	31	32	33	34	34	34	34	34	35	34	31	30
17	29	29	30	28	26	22	18	16	14	13	12	16	16	17	17	18	17	16	14	13	12	11	11	11
18	11	10	9	9	8	9	9	9	10	12	14	15	17	20	20	19	18	18	18	17	18	18	17	17
19	17	16	15	15	14	14	13	14	15	18	21	24	27	28	29	30	29	30	28	27	27	27	25	26
20	27	27	26	26	27	26	27	29	32	34	36	36	36	38	39	40	40	39	38	37	36	36	37	36
21	37	39	40	39	39	40	40	39	42	47	51	54	53	54	53	50	49	48	45	44	45	47	48	48
22	47	49	49	52	55	56	55	54	55	56	58	59	58	58	58	58	57	55	53	52	54	52	50	48
23	45	44	42	41	39	38	37	36	38	38	39	41	42	43	42	41	40	38	37	38	36	35	36	35
24	35	34	38	36	36	35	32	36	37	38	36	37	39	41	43	40	38	39	38	37	37	37	38	38
25	38	38	39	40	40	40	40	41	42	42	44	46	50	54	53	53	52	52	52	52	52	52	51	51
26	50	49	48	47	47	47	49	49	48	49	51	53	53	53	54	57	58	57	58	58	57	57	55	55
27	54	54	55	55	54	54	54	54	54	55	57	60	61	64	65	66	66	65	63	61	60	59	58	57
28	58	56	55	55	54	54	53	55	55	56	60	63	64	64	63	58	53	49	45	42	39	36	35	34
29	34	33	32	29	27	26	26	27	30	31	30	36	38	37	36	37	36	34	33	33	32	33	32	33
30	32	33	33	33	34	35	34	34	34	35	36	36	37	38	39	39	40	40	38	37	34	35	35	36
31	36	37	38	39	40	41	43	45	48	50	52	55	59	60	61	62	61	61	60	59	56	52	57	60

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF FEBRUARY, 1916.

Date	Temperature (Degrees Fahrenheit) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
T 1	61	39	50	+20
W 2	39	24	32	+ 2
T 3	31	20	26	— 4
F 4	26	16	21	— 9
S 5	38	21	30	0
S 6	46	34	40	+10
M 7	41	17	29	— 1
T 8	26	12	19	—11
W 9	38	25	32	+ 2
T 10	34	25	30	0
F 11	31	22	26	— 4
S 12	30	26	28	— 2
S 13	28	10	19	—11
M 14	10	1	6	—24
T 15	28	2	15	—15
W 16	34	20	27	— 4
T 17	43	28	36	+ 5
F 18	43	27	35	+ 4
S 19	27	9	18	—13
S 20	31	16	24	— 7
M 21	24	5	14	—17
T 22	41	19	30	— 1
W 23	47	32	40	+ 8
T 24	35	29	32	0
F 25	50	33	42	+10
S 26	38	30	34	+ 2
S 27	30	18	24	— 8
M 28	27	18	22	—11
T 29	34	17	26	— 7
....	..	..	..	....
....	..	..	..	....
Month	Mean 34.9	Mean 20.5	Mean 27.7	Blank ....
Normal	37.7	23.6	30.7	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean		30.01
Highest	30.59 on the	4th
Lowest	29.02 on the	26th
Highest recorded for this month since 1882	30.94 on the 5th in	1887
Lowest recorded for this month since 1882	28.70 on the 6th in	1896

Temperature.

Highest	61 on the	1st
Lowest	1 on the	14th
Greatest daily range	26 on the	15th
Least daily range	4 on the	12th
Average daily deficiency of this month as compared with the normal		3.0
Accumulated excess since January 1st		77
Average daily excess since January 1st		1.3
Highest for this month since 1871	69 on 5th in	1890
Lowest for this month since 1871	6 on 11th in	1899

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	57	56	55	54	54	54	54	53	52	51	51	51	50	48	46	45	45	45	45	44	41	42	41	39
2	38	37	35	34	33	32	29	28	31	32	27	26	25	28	28	29	29	29	29	30	30	30	29	28
3	24	23	23	23	22	22	23	24	25	26	27	28	29	31	30	28	24	22	22	24	24	21	21	20
4	19	17	17	16	16	16	16	18	21	23	23	24	24	26	25	26	24	24	23	23	22	21	22	22
5	22	21	22	23	23	23	23	28	26	32	34	34	35	35	35	37	37	37	37	38	38	37	37	37
6	36	35	35	35	35	37	36	36	37	40	44	46	43	43	41	40	40	41	41	42	42	41	41	41
7	40	41	40	40	34	37	38	39	39	39	39	39	40	40	37	32	29	25	22	21	19	19	18	17
8	15	14	14	13	14	15	13	13	14	16	18	20	23	22	23	21	22	21	24	25	24	26	26	26
9	26	27	30	34	34	32	30	31	31	31	35	35	34	35	38	38	36	36	35	35	35	34	33	33
10	33	33	33	32	29	27	25	25	27	27	28	30	31	34	33	32	31	31	31	33	33	29	27	28
11	26	25	24	23	22	22	23	25	25	25	24	26	28	28	28	28	29	30	30	30	31	30	30	29
12	29	28	28	27	26	26	27	28	28	27	27	26	26	26	27	28	29	30	29	28	27	27	27	27
13	26	27	27	28	28	25	23	20	21	20	22	20	19	19	20	20	18	16	15	16	14	13	12	10
14	8	7	6	5	3	4	3	2	1	2	3	4	5	7	8	9	10	9	8	7	5	5	4	5
15	6	3	3	3	5	3	4	3	5	9	15	16	20	21	23	28	26	27	24	25	25	25	25	24
16	24	24	24	23	21	22	22	23	25	30	31	30	31	32	32	32	33	33	33	32	32	33	34	32
17	28	28	29	29	30	31	32	33	35	35	35	39	39	41	43	43	42	41	40	39	39	39	38	38
18	37	37	37	38	38	37	36	36	36	37	39	38	39	39	41	42	43	41	39	38	36	33	30	37
19	25	22	18	16	12	11	10	10	13	14	15	16	17	18	19	20	20	18	16	16	16	17	17	16
20	16	17	17	16	17	18	19	23	24	25	26	28	29	30	30	31	29	26	25	25	25	26	25	24
21	23	20	17	14	12	9	7	6	7	8	10	10	14	16	17	17	16	15	16	16	15	17	16	18
22	19	19	20	21	18	19	19	19	24	28	32	35	37	38	40	41	40	39	38	38	38	38	39	39
23	38	38	39	38	38	37	37	36	36	35	36	38	41	43	44	47	41	39	36	37	32	33	32	34
24	33	33	32	31	30	30	29	31	31	32	32	32	33	34	34	35	35	35	35	34	34	33	32	33
25	33	33	34	35	37	38	39	39	39	39	40	41	44	48	48	48	49	47	46	45	45	42	40	38
26	35	34	33	33	32	31	32	32	32	30	30	32	34	35	36	36	34	34	33	32	32	31	31	30
27	29	28	26	25	24	22	20	22	20	21	23	22	21	20	20	20	21	22	23	24	23	22	22	21
28	20	20	19	19	18	18	18	19	19	20	21	22	24	25	26	27	26	24	23	22	21	20	19	19
29	18	19	18	18	18	18	17	18	19	20	22	25	29	32	32	34	33	31	30	29	29	28	29	29

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y., MONTH OF MARCH, 1916.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure of Mean from Normal.
1	37	26	32	— 1
2	32	27	30	— 4
3	33	21	27	— 7
4	28	18	23	—11
5	34	18	26	— 8
6	31	17	24	—10
7	40	28	34	— 1
8	35	26	30	— 5
9	32	17	24	—11
10	40	25	32	— 4
11	34	19	26	—10
12	35	21	28	— 8
13	49	31	40	+ 4
14	39	31	35	— 2
15	34	15	24	—13
16	25	14	20	—18
17	26	9	18	—20
18	24	7	16	—22
19	35	21	28	—10
20	34	19	26	—13
21	39	26	32	— 7
22	39	26	32	— 7
23	38	21	30	—10
24	41	20	30	—10
25	58	35	46	+ 6
26	60	37	48	+ 8
27	52	41	46	+ 5
28	45	37	41	0
29	47	38	42	0
30	59	42	50	+ 8
31	63	44	54	+12
Month	Mean 39.3	Mean 25.1	Mean 32.2	Blank ....
Normal	45.2	30.7	37.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.93
Highest	30.34 on the 20th
Lowest	29.15 on the 22nd
Highest recorded for this month since 1882	30.95 on the 18th in 1913
Lowest recorded for this month since 1882	28.38 on the 1st in 1914

Temperature.

Highest	63 on the 31st
Lowest	7 on the 18th
Greatest daily range	23 on the 25th
Least daily range	5 on the 2nd
Average daily deficiency of this month as compared with the normal	5.3
Accumulated deficiency since January 1st	92
Average daily deficiency since January 1st	1.0
Highest for this month since 1871	78 on 30th in 1910
Lowest for this month since 1871	3 on 5th in 1872

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	30	29	28	27	26	26	27	27	29	31	31	32	33	35	36	37	37	34	34	33	32	32	31	32
2	32	32	31	30	28	28	27	29	30	30	29	29	30	30	29	28	27	28	27	27	27	27	28	28
3	29	29	27	24	22	21	22	22	22	26	27	30	31	32	33	29	27	25	24	23	23	23	23	23
4	23	23	22	21	20	19	18	19	20	21	23	25	26	26	28	26	24	23	22	21	21	21	22	23
5	24	23	24	20	21	22	24	24	26	30	32	33	31	29	27	26	26	24	24	23	21	20	19	18
6	18	18	17	18	18	18	19	20	21	20	21	23	22	23	22	24	23	23	24	25	27	28	30	31
7	31	31	29	29	29	30	30	30	28	29	29	32	33	35	35	37	39	39	40	34	36	37	33	31
8	31	30	32	32	33	34	34	33	33	34	33	31	31	32	32	32	30	29	30	30	31	29	28	26
9	23	22	20	18	17	17	18	19	22	24	25	27	29	30	31	32	30	29	28	28	27	28	28	29
10	29	29	30	26	28	30	32	31	34	38	39	40	40	40	40	39	38	39	39	34	30	29	27	25
11	24	23	22	21	21	19	20	21	24	25	25	27	30	31	33	34	33	30	29	28	27	27	28	26
12	25	24	23	22	21	21	23	26	27	28	30	31	33	35	34	34	34	33	33	33	33	34	34	35
13	31	31	35	36	38	37	38	38	39	45	46	46	47	48	49	48	46	44	41	39	38	37	36	36
14	36	35	35	35	32	33	34	34	34	34	36	38	39	37	38	38	37	37	37	37	36	36	35	34
15	34	34	34	34	33	31	31	30	30	29	28	27	26	26	23	18	18	16	16	16	16	17	16	15
16	15	14	14	15	15	15	15	15	15	17	18	20	23	24	24	25	24	23	22	21	20	20	20	20
17	22	22	21	20	19	19	17	22	22	23	25	24	25	23	22	20	19	16	14	13	11	10	9	9
18	8	8	8	7	7	8	7	9	10	14	16	18	20	22	23	23	23	24	22	20	19	20	21	23
19	24	22	22	22	21	22	21	22	23	24	26	30	32	33	34	34	33	33	31	30	29	29	26	26
20	25	23	22	21	20	20	20	22	23	25	26	27	31	32	34	34	32	31	31	30	30	31	30	29
21	28	28	27	26	27	27	28	28	29	30	31	31	33	33	35	37	37	39	38	37	38	37	37	36
22	36	37	38	39	34	34	31	32	33	34	33	33	33	32	32	33	33	31	30	30	28	27	26	27
23	27	26	26	26	25	22	22	24	27	28	30	33	35	37	38	35	34	32	29	28	29	28	28	26
24	25	24	23	22	21	20	22	23	27	30	33	35	38	39	38	40	40	38	37	36	36	36	38	37
25	38	39	37	35	36	38	38	38	45	48	51	53	56	58	58	57	54	55	53	48	48	47	44	42
26	42	43	44	44	37	37	38	38	41	46	48	50	52	55	56	57	60	56	48	46	43	42	43	43
27	42	41	44	41	41	44	46	46	50	50	52	49	50	48	49	48	46	47	45	45	45	46	45	43
28	43	42	41	40	40	39	40	40	37	39	41	41	42	43	43	44	44	45	43	42	41	40	39	38
29	38	39	40	40	42	42	43	41	42	43	44	45	45	45	44	45	46	45	46	46	46	46	46	46
30	44	42	42	42	43	44	45	45	48	49	51	52	54	56	58	59	59	58	58	57	54	53	52	51
31	50	49	47	46	44	45	45	47	52	54	56	59	62	63	60	55	51	50	48	48	48	48	47	47

U. S. Department of Agriculture, Weather Bureau.
MONTHLY METEOROLOGICAL SUMMARY.
WITH COMPARATIVE DATA.
NEW YORK, N. Y. MONTH OF APRIL, 1916.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	60	44	52	+ 9
2	55	39	47	+ 4
3	48	38	43	0
4	41	35	38	— 6
5	59	35	47	+ 3
6	48	36	42	— 2
7	49	35	42	— 3
8	40	33	36	— 9
9	42	30	36	— 9
10	49	35	42	— 3
11	57	37	47	+ 1
12	56	45	50	+ 4
13	51	43	47	0
14	52	40	46	— 2
15	60	38	49	+ 1
16	58	44	51	+ 3
17	57	45	51	+ 2
18	51	42	46	— 3
19	60	41	50	+ 1
20	57	47	52	+ 2
21	61	48	54	+ 4
22	48	41	44	— 7
23	54	42	48	— 3
24	55	44	50	— 2
25	52	42	47	— 5
26	62	43	52	0
27	46	41	44	— 9
28	51	42	46	— 7
29	67	43	55	+ 1
30	69	43	56	+ 2
....	....	....	....	....
Month	Mean 53.8	Mean 40.4	Mean 47.1	Blank ....
Normal	56.8	40.9	48.1	Blank ....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean	29.93
Highest	30.28 on the 16th
Lowest	29.34 on the 14th
Highest recorded for this month since 1882	30.68 on the 12th in 1895
Lowest recorded for this month since 1882	29.14 on the 2nd in 1884

Temperature.

Highest	69 on the 30th
Lowest	30 on the 9th
Greatest daily range	26 on the 30th
Least daily range	5 on the 27th
Average daily deficiency of this month as compared with the normal	1.0
Accumulated deficiency since January 1st	125
Average daily deficiency since January 1st	1.0
Highest for this month since 1871	91 on 27th in 1915
Lowest for this month since 1871	20 on 5th in 1874

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	46	46	45	44	45	46	47	48	51	55	58	60	57	56	57	56	56	54	54	53	51	52	52	52
2	52	52	51	48	47	46	47	47	48	49	50	52	54	55	54	52	48	45	43	42	42	41	40	39
3	38	39	40	41	42	42	41	41	43	46	48	43	43	42	41	41	39	40	44	43	43	42	42	41
4	39	37	37	38	38	37	36	36	35	35	36	37	37	37	37	38	38	39	39	40	40	40	39	36
5	36	35	36	36	37	37	38	40	45	49	52	55	57	58	57	56	56	55	54	53	52	50	51	48
6	47	46	45	45	44	43	44	45	46	44	44	45	46	47	48	48	47	47	46	45	40	37	38	38
7	38	37	36	35	35	35	37	39	41	42	43	44	46	48	49	49	48	46	45	43	42	40	41	40
8	39	38	38	37	36	36	36	36	35	34	35	34	34	33	33	33	34	34	34	34	34	34	34	35
9	35	35	34	32	31	30	30	31	31	31	32	35	37	40	39	40	42	41	40	40	39	39	38	38
10	37	37	36	36	36	35	37	38	40	42	43	45	46	48	48	48	49	48	47	46	45	45	46	42
11	42	41	39	39	38	38	38	40	44	49	52	53	56	57	57	57	56	54	51	50	48	49	49	48
12	46	45	47	45	45	46	47	48	49	50	52	54	55	55	55	55	56	54	51	50	49	49	48	48
13	47	46	46	47	46	44	44	46	44	44	44	46	49	49	50	51	50	50	48	47	46	47	46	46
14	44	46	44	43	42	40	42	43	44	44	42	42	43	45	44	43	46	52	49	47	45	42	41	40
15	38	39	40	40	40	40	41	43	45	47	49	52	53	55	56	58	60	59	56	55	53	52	50	49
16	48	47	47	45	46	44	47	48	54	56	58	58	58	58	56	55	54	52	51	51	49	48	48	48
17	47	46	46	45	45	46	47	48	49	52	56	55	52	52	52	54	54	54	54	55	54	52	50	49
18	48	47	46	45	44	42	43	44	47	48	48	47	48	50	50	50	51	51	49	49	49	47	45	44
19	43	43	43	42	42	41	42	44	47	50	52	53	56	57	59	59	60	59	57	55	54	53	53	53
20	53	53	52	51	50	50	52	53	54	54	53	53	56	54	55	54	53	51	49	48	47	47	49	49
21	50	51	50	49	49	48	50	52	53	54	56	56	58	60	60	56	56	54	52	50	48	48	49	48
22	45	45	43	43	44	43	42	44	43	45	46	44	41	43	45	46	47	46	45	45	46	46	44	44
23	44	43	43	42	42	42	44	44	45	47	50	51	53	53	50	50	47	46	47	46	46	45	45	44
24	44	44	44	44	44	45	46	47	48	48	49	51	52	52	52	54	55	54	54	54	53	52	50	50
25	48	48	47	46	45	44	44	46	45	47	51	52	43	42	42	43	47	45	44	45	45	45	44	44
26	44	43	43	44	44	45	46	47	48	51	54	57	59	62	60	55	52	50	50	49	48	47	46	45
27	45	43	43	41	41	42	42	43	42	42	43	44	44	45	45	44	46	46	45	46	46	45	45	44
28	44	42	42	43	45	44	44	43	44	46	44	46	48	49	49	50	50	49	50	50	46	46	46	46
29	45	45	44	44	44	43	45	48	52	56	60	62	65	67	64	65	64	62	60	60	58	58	58	57
30	54	54	52	51	49	52	54	58	61	64	69	61	60	51	48	48	48	45	45	44	44	45	44	45
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF MAY, 1916.

	Temperature. (Degrees Fahrenheit.)			
Date	Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	65	45	55	+ 1
2	75	54	64	+ 9
3	65	55	60	+ 5
4	71	52	62	+ 7
5	62	52	57	+ 1
6	74	51	62	+ 6
7	67	56	62	+ 6
8	75	55	65	+ 8
9	67	53	60	+ 3
10	61	47	54	— 3
11	76	58	67	+ 9
12	67	52	60	+ 2
13	63	52	58	0
14	60	50	55	— 4
15	57	48	52	— 7
16	57	49	53	— 6
17	58	46	52	— 8
18	58	44	51	— 9
19	66	44	55	— 5
20	66	52	59	— 2
21	70	48	59	— 2
22	65	49	57	— 4
23	54	49	52	—10
24	66	52	59	— 3
25	77	58	68	+ 6
26	76	59	68	+ 5
27	68	55	62	— 1
28	77	54	66	+ 3
29	77	62	70	+ 6
30	77	62	70	+ 6
31	71	56	64	0
Month	Mean 67.4	Mean 52.2	Mean 59.8	Blank .....
Normal	68.4	51.9	59.3	Blank .....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.92
Highest	30.33 on the 13th
Lowest	29.39 on the 17th
Highest recorded for this month since 1882	30.52 on the 18th in 1914
Lowest recorded for this month since 1882	29.13 on the 4th in 1893

Temperature.

Highest	77 on the 29th
Lowest	44 on the 18th
Greatest daily range	23 on the 6th
Least daily range	5 on the 23d
Average daily excess of this month as compared with the normal	0.5
Accumulated deficiency since January 1st	106
Average daily deficiency since January 1st	0.7
Highest for this month since 1871	95 on 31st in 1895
Lowest for this month since 1871	34 on 1st in 1876

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	47	48	47	46	45	45	46	50	51	54	58	64	69	69	61	58	58	58	61	60	62	63	61	59
2	59	57	56	55	55	54	57	59	66	73	75	74	72	72	73	73	72	70	66	64	62	61	61	60
3	59	58	58	58	57	56	56	57	56	58	59	60	58	57	56	60	62	64	62	61	63	62	61	62
4	61	64	60	61	55	54	53	53	55	57	59	61	66	68	69	70	71	70	65	61	59	56	55	55
5	56	57	56	55	52	53	52	54	56	57	58	58	57	58	60	61	61	62	59	56	54	54	53	52
6	53	51	52	52	52	53	53	55	63	66	67	68	70	71	73	73	74	74	73	71	71	70	68	67
7	66	67	63	67	63	62	63	63	63	62	60	61	60	56	56	57	57	58	58	58	60	59	58	57
8	58	57	57	56	55	56	58	60	64	67	70	71	69	69	69	70	72	75	75	73	72	68	67	66
9	65	63	62	62	62	62	60	61	63	64	65	63	62	63	63	63	63	62	60	58	56	55	54	53
10	51	49	48	47	48	48	50	53	53	59	60	61	56	56	61	59	59	60	56	56	57	57	58	59
11	58	59	60	60	61	62	63	65	68	73	74	72	73	75	76	76	75	75	72	70	71	68	67	65
12	63	61	59	57	55	54	52	54	55	56	58	60	62	63	65	66	67	66	64	62	61	58	56	55
13	54	54	53	52	52	53	53	53	54	54	56	57	59	60	60	61	62	63	62	60	59	58	57	56
14	56	56	55	57	55	55	56	59	59	58	57	57	56	56	55	56	55	52	52	51	52	54	53	50
15	51	51	50	49	48	49	49	49	50	52	52	54	55	56	56	57	57	56	55	55	53	52	52	52
16	51	51	51	50	50	50	50	50	50	51	53	54	54	55	54	51	51	52	55	57	57	56	56	55
17	52	53	52	53	53	53	54	53	51	52	55	57	56	54	53	54	54	53	53	53	51	50	47	46
18	46	45	44	44	45	45	46	47	49	49	48	49	51	55	55	55	56	58	56	54	53	52	50	49
19	48	47	47	45	45	44	46	49	51	53	55	57	60	62	63	65	65	66	64	59	57	57	56	55
20	54	54	53	53	52	52	53	55	58	61	63	64	64	65	66	66	65	66	63	60	58	57	55	53
21	52	51	50	49	48	49	51	54	56	60	62	63	66	68	69	69	69	70	69	68	68	65	62	60
22	59	57	55	53	52	52	54	56	58	61	62	63	64	62	60	58	54	53	52	51	51	51	50	49
23	49	49	50	50	50	49	50	50	50	50	51	51	51	52	53	54	54	53	53	53	52	52	52	52
24	53	54	54	54	55	55	56	57	59	60	62	64	65	65	64	63	62	61	59	60	61	60	60	61
25	61	60	59	59	58	59	61	64	70	74	74	75	76	76	68	71	73	72	71	68	66	65	64	67
26	66	64	63	62	60	59	61	63	66	68	70	70	71	72	74	75	76	76	74	72	70	69	68	66
27	65	66	65	65	63	64	64	65	66	67	68	65	64	62	60	57	55	56	57	57	56	58	56	56
28	57	58	59	58	55	57	56	56	58	60	66	68	71	74	74	73	72	67	68	70	70	68	65	68
29	68	68	66	66	66	65	65	68	69	72	74	76	76	77	75	74	71	70	68	67	65	64	64	62
30	65	66	67	66	65	65	66	67	68	70	73	75	76	77	76	76	75	73	71	70	63	62	62	62
31	62	61	61	61	61	60	61	63	63	65	65	66	67	69	69	69	68	71	69	66	64	62	59	56

U. S. Department of Agriculture, Weather Bureau.
MONTHLY METEOROLOGICAL SUMMARY.
WITH COMPARATIVE DATA.
NEW YORK, N. Y. MONTH OF JUNE, 1916.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	78	52	65	+ 1
2	76	57	66	+ 1
3	67	58	62	— 3
4	74	54	64	— 2
5	75	59	67	+ 1
6	74	58	66	0
7	68	53	60	— 6
8	60	55	58	— 9
9	57	54	56	—11
10	60	51	56	—11
11	56	51	54	—14
12	75	53	64	— 4
13	76	59	68	0
14	68	54	61	— 7
15	57	52	54	—14
16	66	54	60	— 9
17	74	61	68	— 1
18	78	62	70	+ 1
19	74	64	69	— 1
20	75	57	66	— 4
21	64	55	60	—10
22	72	52	62	— 8
23	74	55	64	— 6
24	74	61	68	— 3
25	70	61	66	— 5
26	79	62	70	— 1
27	75	63	69	— 2
28	82	67	74	+ 3
29	81	62	72	0
30	76	64	70	— 2
....	..	..	..	....
Month	Mean 71.2	Mean 57.3	Mean 64.2	Blank ....
Normal	77.2	61.1	68.5	Blank ....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean	29.94
Highest	30.15 on the 1st
Lowest	29.65 on the 3d
Highest recorded for this month since 1882	30.56 on the 2nd in 1883
Lowest recorded for this month since 1882	29.34 on the 26th in 1902

Temperature.

Highest	82 on the 28th
Lowest	51 on the 10th
Greatest daily range	26 on the 1st
Least daily range	3 on the 9th
Average daily deficiency of this month as compared with the normal	4.3
Accumulated deficiency since January 1st	232
Average daily deficiency since January 1st	1.3
Highest for this month since 1871	97 on the 6th in 1899
Lowest for this month since 1871	46 on the 2nd in 1907

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	55	53	53	52	53	54	56	57	60	63	65	68	71	73	75	76	78	72	70	70	68	66	65	63
2	61	59	58	58	58	60	64	68	70	73	74	75	75	74	74	73	72	70	66	65	64	62	61	58
3	59	59	59	58	58	58	59	62	62	62	62	62	64	63	63	67	65	65	66	60	62	62	60	59
4	58	56	56	55	55	56	58	60	63	65	67	68	72	71	72	74	73	72	71	70	69	68	66	65
5	63	62	61	61	59	60	62	64	66	70	72	75	74	74	71	71	70	70	71	68	67	65	64	62
6	61	61	61	59	58	60	62	63	66	68	69	70	72	73	73	74	73	72	70	67	67	66	67	68
7	64	62	61	60	59	58	57	57	58	58	58	58	58	58	58	57	56	55	55	54	53	53	54	55
8	55	56	56	57	57	57	57	56	57	58	58	57	60	56	57	58	58	59	58	58	57	56	55	55
9	55	54	54	54	54	54	54	54	55	56	56	56	56	56	56	55	56	57	56	55	55	54	54	54
10	53	52	52	51	51	51	51	52	53	54	55	56	59	60	60	59	58	58	57	56	55	55	55	54
11	52	52	52	52	52	51	51	53	53	54	54	55	55	56	55	56	55	56	55	56	55	55	55	55
12	54	54	54	54	53	53	55	56	61	65	69	71	73	74	73	72	71	72	71	69	68	67	66	65
13	63	62	61	60	59	60	61	64	67	68	71	72	74	76	75	75	72	74	69	68	67	67	67	67
14	68	65	62	62	60	60	61	62	62	65	66	67	66	65	62	63	61	60	57	56	55	55	54	55
15	54	53	53	53	52	53	54	54	55	56	57	56	55	54	53	53	53	53	52	52	54	54	54	54
16	54	54	55	55	57	59	60	61	63	64	65	66	65	64	62	63	63	64	63	63	63	62	61	61
17	62	62	63	64	64	64	66	64	66	66	67	71	72	72	72	71	70	69	68	69	68	68	67	67
18	66	65	64	64	62	66	68	70	73	74	75	75	76	77	73	78	78	77	76	73	72	72	72	71
19	70	68	67	66	68	68	70	73	73	71	69	69	66	70	72	71	71	71	71	70	66	65	65	64
20	64	63	61	59	57	58	60	63	65	68	70	71	72	73	74	74	75	75	70	66	64	63	62	61
21	59	58	57	58	56	57	58	59	59	62	64	63	60	60	61	59	60	60	57	57	57	56	55	55
22	54	53	53	53	52	54	58	60	63	65	66	67	68	70	71	72	72	71	69	66	64	63	61	60
23	50	58	57	56	55	57	58	60	62	63	65	67	70	71	72	73	74	72	71	69	68	67	66	65
24	65	63	62	62	62	64	67	66	65	66	67	71	69	74	73	72	70	68	64	63	63	63	63	64
25	63	64	62	62	62	61	62	62	62	63	64	65	67	67	67	67	68	69	70	70	69	69	68	68
26	67	68	68	67	66	68	69	70	72	74	77	78	78	78	77	74	70	68	65	66	64	64	63	63
27	64	64	64	64	64	64	64	64	64	66	70	72	73	74	72	72	69	68	68	67	65	66	67	67
28	67	67	67	67	67	68	68	68	70	73	76	78	74	76	80	82	78	76	76	76	75	72	71	69
29	67	66	65	63	62	62	63	67	69	72	73	75	77	79	80	81	80	79	75	72	70	69	67	66
30	65	64	65	65	64	64	65	67	68	70	71	73	74	74	74	76	75	75	73	70	70	69	69	70
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF JULY, 1916.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	83	64	74	+ 2
2	81	66	74	+ 2
3	81	65	73	+ 1
4	74	63	68	— 4
5	67	59	63	—10
6	83	60	72	— 1
7	89	67	78	+ 5
8	89	68	78	+ 5
9	76	66	71	— 2
10	74	64	69	— 4
11	85	69	77	+ 4
12	89	72	80	+ 7
13	88	70	79	+ 5
14	79	65	72	— 2
15	72	62	67	— 7
16	76	62	69	— 5
17	85	68	76	+ 2
18	81	68	74	0
19	86	69	78	+ 4
20	80	69	74	0
21	83	68	76	+ 2
22	80	70	75	+ 1
23	79	71	75	+ 1
24	77	69	73	— 1
25	76	70	73	— 1
26	81	71	76	+ 2
27	85	72	78	+ 4
28	78	66	72	— 2
29	75	64	70	— 4
30	80	63	72	— 2
31	93	73	83	+ 9
Month	Mean 80.8	Mean 66.9	Mean 73.8	Blank .....
Normal	82.1	66.8	73.5	Blank .....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean		30.00
Highest	30.34 on the	29th
Lowest	29.55 on the	3d
Highest recorded for this month since 1882	30.51 on the	7th in 1897
Lowest recorded for this month since 1882	29.46 on the	8th in 1909

Temperature.

Highest	93 on the	31st
Lowest	59 on the	5th
Greatest daily range	23 on the	6th
Least daily range	6 on the	25th
Average daily excess of this month as compared with the normal		0.3
Accumulated deficiency since January 1st		221
Average daily deficiency since January 1st		1.0
Highest for this month since 1871	99 on 3d	in 1898
Lowest for this month since 1871	50 on 15th	in 1873

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	68	66	66	67	66	64	67	68	72	75	78	81	80	82	82	81	80	80	79	78	77	74	74	71
2	71	69	67	66	66	67	69	71	73	76	78	79	80	81	81	81	81	78	76	74	72	72	71	68
3	66	65	69	67	67	67	68	71	75	77	76	78	79	80	80	80	80	79	77	75	73	71	69	68
4	67	66	65	64	63	64	65	66	68	68	69	70	72	73	71	70	69	70	67	66	64	63	63	63
5	62	61	61	60	60	60	60	60	59	61	62	63	63	63	65	66	65	67	65	64	63	63	63	63
6	63	62	62	61	60	61	63	66	70	74	76	78	79	81	82	82	83	83	82	77	74	73	74	73
7	71	70	70	69	67	67	69	74	76	79	81	83	86	87	88	88	86	86	85	80	80	78	76	75
8	72	71	70	69	69	69	71	74	77	81	84	86	87	88	86	86	84	82	80	79	78	77	76	76
9	75	74	73	72	71	71	72	72	73	72	72	71	71	71	73	70	70	69	68	67	67	66	67	67
10	66	66	66	66	65	64	64	65	67	68	70	68	69	73	72	72	72	73	72	72	71	70	70	69
11	69	69	70	70	70	70	70	70	72	75	78	81	82	84	85	84	85	84	83	82	80	78	77	77
12	76	75	74	73	73	72	75	76	80	82	84	86	88	88	89	87	87	86	85	84	82	81	80	79
13	78	77	76	75	75	75	77	78	82	84	86	88	87	87	74	72	74	72	71	70	71	71	70	70
14	70	70	71	70	70	70	73	74	75	77	79	77	79	78	74	70	70	70	69	68	68	66	66	65
15	65	64	64	64	63	64	65	67	68	72	70	68	66	64	64	64	64	65	64	64	63	63	62	62
16	62	62	62	62	62	63	64	65	66	67	71	71	73	72	75	74	71	69	68	69	68	68	68	68
17	68	68	68	68	68	68	70	70	72	74	79	82	79	74	72	74	74	72	72	71	71	70	70	69
18	69	68	69	69	69	70	72	73	77	80	80	80	80	81	79	78	79	78	74	72	72	71	70	70
19	70	69	70	69	69	70	71	73	77	78	81	85	83	80	79	78	78	77	75	75	73	72	73	73
20	72	72	71	70	70	70	71	72	72	74	77	79	80	80	78	77	76	74	72	72	70	70	70	70
21	70	69	69	69	69	70	70	71	71	74	78	79	82	82	83	82	81	80	79	78	74	74	72	72
22	72	73	72	73	71	70	72	75	77	80	79	72	75	78	79	79	77	74	72	71	71	71	72	72
23	72	72	72	71	71	71	71	71	71	71	75	78	76	74	77	77	78	78	75	74	72	72	72	73
24	72	71	71	71	71	70	69	70	72	72	72	73	77	75	74	74	73	73	72	72	70	70	70	71
25	71	71	71	72	72	72	73	74	76	75	74	75	74	72	71	71	71	71	71	71	70	70	71	71
26	71	71	71	71	71	71	72	73	76	79	81	80	77	78	76	75	75	75	75	75	73	72	72	72
27	73	73	73	74	73	73	74	74	74	75	78	82	83	84	83	82	83	82	79	79	79	74	73	73
28	73	72	71	70	70	69	69	70	72	73	73	73	72	74	75	77	78	77	75	71	70	69	67	66
29	66	65	65	65	65	64	65	67	69	72	74	73	74	74	73	75	73	71	68	67	67	66	66	67
30	65	63	63	63	63	63	64	67	71	75	77	78	79	79	80	80	80	79	79	78	76	75	75	74
31	74	73	73	73	73	74	76	78	80	82	84	88	90	92	93	92	90	89	87	85	83	82	80	79

U. S. Department of Agriculture, Weather Bureau.
MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.
NEW YORK, N. Y. MONTH OF AUGUST, 1916.

Date	Temperature (Degrees Fahrenheit) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	82	69	76	+ 2
2	78	66	72	— 2
3	78	64	71	— 3
4	83	69	76	+ 2
5	83	71	77	+ 3
6	90	71	80	+ 7
7	88	75	82	+ 9
9	85	67	76	+ 3
10	68	63	66	— 7
11	69	61	65	— 8
12	85	66	76	+ 3
13	73	60	66	— 7
14	77	56	56	— 6
15	80	65	72	0
16	75	67	71	— 1
17	87	63	75	+ 3
18	81	68	74	+ 2
19	83	67	75	+ 3
20	84	68	76	+ 4
21	90	67	78	+ 6
22	94	75	84	+12
23	90	69	80	+ 8
24	77	66	72	+ 1
25	84	62	73	+ 2
26	83	68	76	+ 5
27	84	69	76	+ 5
28	73	55	64	— 7
29	71	56	64	— 6
30	78	61	70	0
31	83	63	73	+ 3
Month	Mean 81.5	Mean 65.8	Mean 73.6	Blank ....
Normal	79.9	65.7	72.2	Blank ....

Atmospheric Pressure.
(Reduced to sea-level; inches.)

Mean 29.99
Highest ..... 30.29 on the 29th
Lowest ..... 29.60 on the 8th
Highest recorded for this month since 1882 ..... 30.43 on the 9th in 1904
Lowest recorded for this month since 1882 ..... 29.28 on the 9th in 1893

Temperature.

Highest ..... 94 on the 22d
Lowest ..... 55 on the 28th
Greatest daily range ..... 24 on the 17th
Least Daily range ..... 5 on the 10th
Average daily excess of this month as compared with normal 1.4
Accumulated deficiency since January 1st 176
Average daily deficiency since January 1st 0.7
Highest for this month since 1871 ..... 96 on 16th in 1888
Lowest for this month since 1871 ..... 51 on 27th in 1885

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	76	74	72	71	69	69	71	72	73	73	75	76	77	78	79	81	82	80	78	77	75	74	72	71
2	70	69	68	67	68	69	70	71	75	77	78	77	76	76	76	76	75	73	71	70	68	68	66	66
3	66	65	64	64	64	66	69	69	73	75	76	78	77	77	77	76	74	73	72	72	72	72	71	70
4	70	70	70	69	69	70	71	72	75	80	80	82	83	80	80	80	79	77	76	73	73	73	73	72
5	72	72	72	72	71	71	72	72	72	73	74	77	80	81	82	83	79	77	75	74	74	74	73	72
6	72	71	71	71	72	73	74	75	81	84	87	88	90	88	85	84	85	84	83	82	80	80	79	79
7	77	77	76	75	75	75	75	75	76	79	81	85	86	87	85	86	88	87	86	84	83	82	81	80
8	79	78	78	77	77	76	76	77	78	80	84	87	89	90	91	73	79	80	78	77	79	77	75	74
9	75	76	75	75	75	75	76	77	79	80	81	83	84	84	85	85	84	81	78	75	72	70	68	67
10	66	66	65	65	64	63	64	64	65	66	65	63	64	65	67	68	66	64	66	66	66	65	65	65
11	65	63	64	64	61	63	63	64	64	65	67	68	68	69	68	68	67	66	65	66	66	66	67	66
12	67	66	66	66	66	66	69	71	76	79	81	83	84	84	84	84	83	83	82	79	77	76	74	73
13	72	71	70	70	68	67	66	67	66	63	61	61	63	65	69	70	71	70	68	66	64	63	62	61
14	60	59	58	-58	57	56	59	63	65	68	69	70	71	73	74	76	77	76	74	73	71	69	68	68
15	67	67	65	66	66	67	68	70	71	76	78	79	79	80	80	80	77	76	75	74	71	69	68	68
16	67	67	67	67	68	67	69	70	70	74	75	74	74	74	71	71	69	68	68	69	70	69	69	69
17	68	68	67	66	64	63	63	65	70	79	82	83	85	86	86	86	79	76	73	72	70	70	72	71
18	70	68	68	69	70	70	72	74	75	77	78	79	81	80	80	80	75	73	72	71	72	72	72	71
19	70	70	69	67	68	70	70	73	76	79	82	81	81	83	78	76	75	74	73	72	72	71	70	70
20	69	69	69	69	68	68	71	75	78	79	80	81	83	84	82	82	81	78	75	74	72	71	71	71
21	70	68	69	72	69	67	69	72	76	79	83	84	86	90	89	90	87	80	79	80	82	84	84	83
22	83	82	82	82	81	80	80	80	82	83	87	89	90	92	94	88	84	82	80	79	77	76	76	75
23	75	75	75	75	73	72	74	78	81	84	88	89	90	90	86	83	76	71	71	72	73	73	70	69
24	68	68	67	67	66	66	66	67	68	69	71	73	76	74	74	75	74	74	78	72	71	70	58	66
25	65	64	65	64	62	62	63	66	70	73	76	78	80	82	83	84	84	83	81	79	78	77	74	73
26	71	70	70	69	69	68	69	71	72	76	78	80	82	82	83	82	80	76	73	72	72	72	71	71
27	71	70	70	70	70	70	69	71	72	74	78	77	80	82	83	83	80	78	74	73	74	73	74	73
28	71	71	68	69	68	68	67	66	65	61	64	59	57	59	64	63	62	63	62	62	61	60	59	59
29	58	58	58	58	57	56	57	60	64	66	69	70	71	71	70	70	69	68	66	66	65	65	64	63
30	63	63	62	61	61	62	63	64	69	72	73	75	77	78	78	77	75	73	71	69	68	68	67	67
31	66	65	64	63	63	63	64	65	71	75	81	81	83	83	83	83	83	81	79	78	78	76	74	73

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF SEPTEMBER, 1916.

Date	Temperature. (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	85	66	76	+ 6
2	77	59	68	— 2
3	72	55	64	— 6
4	73	58	66	— 4
5	84	63	74	— 4
6	78	64	71	+ 2
7	84	69	76	+ 7
8	89	69	79	+10
9	75	63	69	+ 1
10	74	58	66	— 2
11	70	58	64	— 4
12	70	58	64	— 4
13	78	58	68	+ 1
14	85	64	74	+ 7
15	77	65	71	+ 4
16	70	57	64	— 2
17	68	55	62	— 4
18	71	53	62	— 4
19	64	49	56	—10
20	73	51	62	— 3
21	69	55	62	— 3
22	71	60	66	+ 1
23	75	59	67	+ 3
24	66	52	59	— 5
25	63	51	57	— 7
26	72	48	60	— 4
27	80	60	70	+ 7
28	78	64	71	+ 8
29	75	51	63	+ 1
30	58	44	51	—11
.....	..	..	..	....
Month	Mean 74.1	Mean 57.9	Mean 66.0	Blank ....
Normal	73.8	59.6	66.5	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.06
Highest	30.49 on the 11th
Lowest	29.69 on the 8th
Highest recorded for this month since 1882	30.61 on the 7th in 1888
Lowest recorded for this month since 1882	29.34 on the 23d in 1885

Temperature.

Highest	89 on the 8th
Lowest	44 on the 30th
Greatest daily range	24 on the 29th
Least daily range	11 on the 22d
Average daily deficiency of this month as compared with the normal	0.5
Accumulated deficiency since January 1st	189
Average daily deficiency since January 1st	0.7
Highest for this month since 1871	100 on 7th in 1888
Lowest for this month since 1871	39th on 30th in 1912

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	73	73	72	73	72	67	67	68	73	78	81	84	85	84	84	82	82	80	78	76	74	74	73	73
2.....	72	71	70	69	68	68	69	70	71	74	75	71	77	77	75	74	72	71	67	65	63	62	60	59
3.....	57	57	57	55	55	55	56	59	63	64	67	69	70	71	72	71	69	67	65	64	64	63	62	61
4.....	60	59	58	59	59	60	60	62	65	69	71	72	73	73	72	72	72	71	69	68	68	67	66	65
5.....	64	63	63	63	64	65	66	67	69	72	76	78	81	83	82	84	82	80	80	78	76	76	71	69
6.....	67	66	65	65	64	64	65	67	69	71	76	78	75	72	74	77	76	72	71	71	71	71	71	71
7.....	71	72	70	70	69	69	70	71	74	74	74	74	79	84	84	81	79	76	74	70	70	69	69	70
8.....	70	70	71	71	71	71	71	72	77	80	83	85	87	89	89	78	75	74	72	71	70	70	70	70
9.....	68	64	66	65	64	64	63	65	67	67	70	71	72	73	74	75	74	73	72	71	69	68	65	64
10.....	61	60	59	58	58	59	62	64	67	68	69	70	70	72	73	73	71	68	66	65	64	64	64	64
11.....	63	63	62	62	61	62	62	63	65	67	68	69	67	66	64	63	62	61	61	61	60	60	58	58
12.....	58	58	59	60	59	59	60	62	64	66	66	68	68	69	69	70	69	66	64	64	64	64	64	63
13.....	60	59	58	58	58	58	61	63	65	66	69	70	72	74	75	77	78	74	71	74	73	72	70	69
14.....	67	66	65	65	64	65	66	69	74	76	79	82	85	82	80	82	80	77	76	74	71	71	71	71
15.....	71	71	70	70	70	71	72	73	73	75	74	73	76	76	75	73	67	67	66	68	68	67	67	65
16.....	62	60	60	59	58	57	58	59	62	64	65	67	69	70	69	69	67	66	65	65	63	60	59	59
17.....	58	57	57	56	55	55	57	59	63	65	65	66	67	67	68	68	64	63	62	62	62	61	61	60
18.....	59	57	56	56	57	56	57	59	64	66	68	69	70	70	68	69	66	65	65	65	61	60	58	53
19.....	52	52	52	52	50	50	49	52	53	55	57	58	60	62	62	64	64	62	60	59	59	57	56	55
20.....	54	52	52	52	52	53	53	56	59	62	65	67	69	71	72	73	71	67	64	64	62	62	60	58
21.....	58	58	57	58	57	55	56	59	63	66	67	66	66	67	69	69	68	66	65	65	64	64	64	63
22.....	62	61	60	61	61	62	62	65	67	69	70	71	71	71	70	68	67	67	66	66	66	66	66	66
23.....	66	66	65	66	66	66	65	65	66	68	72	74	75	73	73	72	71	66	62	64	64	62	60	59
24.....	58	57	55	54	53	53	52	56	58	60	62	64	66	66	65	65	64	62	61	61	60	59	58	57
25.....	56	55	54	53	52	51	51	54	54	56	56	58	60	61	63	59	61	59	58	57	56	55	54	52
26.....	51	51	51	50	48	48	51	54	56	60	64	66	69	72	72	72	72	70	69	68	67	65	63	63
27.....	63	62	61	61	61	60	60	61	66	70	73	76	79	80	80	80	75	72	71	70	69	69	67	66
28.....	65	64	64	64	64	65	66	67	69	72	74	75	78	78	77	77	75	72	71	70	69	68	68	68
29.....	67	67	67	67	68	68	68	70	71	72	73	74	73	70	69	59	58	56	55	53	51	51	51	51
30.....	51	51	50	49	48	47	47	49	50	51	52	54	56	57	58	58	56	53	50	48	45	45	44	44
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF OCTOBER, 1916.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	60	42	51	−11
2	67	50	58	− 3
3	72	54	63	+ 2
4	69	59	64	+ 4
5	74	57	66	+ 6
6	77	59	68	+ 8
7	75	60	68	+ 9
8	79	58	68	+ 9
9	84	50	67	+ 8
10	54	39	46	−12
11	63	42	52	− 6
12	63	52	58	+ 1
13	65	54	60	+ 3
14	57	43	50	− 6
15	59	41	50	− 6
16	64	52	58	+ 2
17	66	44	55	0
18	55	39	47	− 8
19	66	48	57	+ 3
20	73	65	90	+15
21	67	47	57	+ 3
22	58	42	50	− 3
23	57	44	50	− 3
24	61	45	53	+ 1
25	59	48	54	+ 2
26	61	48	54	+ 3
27	55	44	50	− 1
28	64	46	55	+ 4
29	58	50	54	+ 4
30	67	57	62	+12
31	67	54	60	+10
Month	Mean 65.0	Mean 49.5	Mean 57.2	Blank ....
Normal	63.1	48.8	55.6	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	
Highest	30.14
Lowest	30.49 on the 18th
Highest recorded for this month since 1882	29.65 on the 20th
Lowest recorded for this month since 1882	30.66 on the 17th in 1883
	29.15 on the 10th in 1884

Temperature.

Highest	84 on the 9th
Lowest	39 on the 10th
Greatest daily range	34 on the 9th
Least daily range	8 on the 20th
Average daily excess of this month as compared with the normal	1.6
Accumulated deficiency since January 1st	139
Average daily deficiency since January 1st	0.5
Highest for this month since 1871	88 on 1st in 1881
Lowest for this month since 1871	31 on 15th in 1876

Hourly Temperatures

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	43	42	43	42	42	44	44	45	48	50	51	55	55	56	58	59	59	58	56	56	55	55	55	55
2.....	54	53	52	51	50	50	51	53	56	58	60	62	64	66	66	66	63	62	59	58	57	56	55	55
3.....	54	55	56	56	54	54	55	57	57	60	66	69	70	72	72	72	71	69	65	64	63	62	63	63
4.....	64	63	62	60	59	60	61	62	64	65	66	67	69	69	69	68	66	64	63	62	61	61	61	60
5.....	60	59	58	57	57	57	58	59	61	69	72	73	73	74	74	74	70	66	65	63	62	62	62	60
6.....	59	59	59	59	59	60	61	62	65	67	70	72	74	75	77	77	77	75	73	72	70	69	68	68
7.....	68	68	67	66	65	63	60	61	61	64	65	67	70	72	73	74	74	71	69	67	67	65	64	63
8.....	63	61	58	58	59	60	62	64	66	67	71	74	77	79	79	79	78	77	76	73	71	70	69	69
9.....	68	68	67	66	66	65	66	67	73	77	80	82	84	84	81	78	76	75	67	64	58	56	54	50
10.....	46	45	44	44	43	41	39	40	41	42	44	46	49	49	52	54	53	51	50	48	48	49	48	46
11.....	45	44	43	43	44	45	46	49	52	54	56	57	59	61	62	63	62	60	58	58	57	56	57	56
12.....	55	54	54	55	52	54	54	55	59	60	63	62	63	61	60	59	58	57	58	58	58	59	59	58
13.....	56	56	55	54	55	55	56	57	59	61	64	64	65	65	64	63	57	56	55	55	55	55	56	57
14.....	55	52	48	45	44	43	43	44	45	45	47	49	53	54	55	57	57	55	52	50	49	48	47	47
15.....	46	46	45	45	43	42	41	45	47	50	54	58	58	58	59	59	59	58	57	56	56	56	56	56
16.....	56	55	52	52	52	53	53	53	55	57	58	58	61	61	63	64	62	61	60	60	59	58	58	58
17.....	60	61	62	64	65	65	64	64	65	66	64	62	60	59	58	56	50	49	48	47	46	46	45	44
18.....	43	41	40	40	39	40	42	42	46	50	52	53	54	55	52	50	49	50	49	49	48	48	48	48
19.....	48	50	51	52	52	53	53	53	54	55	55	56	57	58	61	62	63	63	63	64	66	66	66	66
20.....	67	67	67	67	67	66	66	66	68	71	73	69	70	70	68	66	65	66	65	65	66	66	67	67
21.....	67	67	65	62	59	58	57	54	56	57	58	60	61	62	62	61	59	56	53	51	49	48	47	47
22.....	46	45	44	44	43	42	42	44	47	49	51	54	55	57	57	57	54	53	51	50	51	50	49	48
23.....	47	47	46	44	46	46	46	46	48	50	51	52	54	56	56	56	55	54	53	53	53	52	50	50
24.....	48	48	47	46	46	45	46	49	48	55	56	58	58	59	59	60	61	58	57	56	55	53	51	50
25.....	49	48	49	50	50	50	50	52	55	57	56	57	57	56	56	56	56	56	57	58	58	59	59	59
26.....	59	58	58	57	56	54	52	52	52	53	54	56	58	60	60	60	59	57	55	52	50	49	49	48
27.....	46	45	44	45	46	46	46	46	46	48	52	54	55	54	55	55	53	53	52	52	51	50	49	49
28.....	48	47	49	48	48	47	46	51	51	52	53	55	58	60	63	62	60	58	56	55	54	54	53	52
29.....	51	51	52	50	51	52	52	51	51	54	55	56	58	57	57	57	56	56	56	56	56	56	56	57
30.....	57	57	58	58	58	58	58	58	59	60	61	63	65	67	64	64	61	60	61	60	59	58	58	57
31.....	56	55	54	56	56	57	55	55	55	56	60	62	65	67	62	60	59	59	58	58	56	55	55	54

U. S. Department of Agriculture, Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF NOVEMBER, 1916.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	61	49	55	+ 6
2	62	43	52	+ 3
3	55	45	50	+ 2
4	53	40	46	— 2
5	55	44	50	+ 2
6	53	42	48	0
7	56	43	50	+ 3
8	58	42	50	+ 3
9	69	44	56	+10
10	60	47	54	+ 8
11	54	44	49	+ 3
12	52	41	46	+ 1
13	52	45	48	+ 3
14	55	34	44	— 1
15	40	31	36	— 8
16	40	28	34	—10
17	46	32	39	— 4
18	47	36	42	— 1
19	49	31	40	— 3
20	53	36	44	+ 2
21	42	27	34	— 8
22	43	28	36	— 6
23	59	38	48	+ 7
24	53	34	44	+ 3
25	37	27	32	— 8
26	36	25	30	—10
27	50	34	42	+ 2
28	49	36	42	+ 3
29	61	46	54	+15
30	56	38	47	+ 8
.....	..	..	..	....
Month	Mean 51.9	Mean 37.7	Mean 44.8	Blank ....
Normal	51.1	37.7	44.0	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	30.13
Highest	30.53 on the 6th
Lowest	29.25 on the 23d
Highest recorded for this month since 1882	30.80 on the 19th in 1891
Lowest recorded for this month since 1882	28.70 on the 13th in 1904

Temperature.

Highest	69 on the 9th
Lowest	25 on the 26th
Greatest daily range	25 on the 9th
Least daily range	7 on the 13th
Average daily excess of this month as compared with the normal	0.8
Accumulated deficiency since January 1st	116
Average daily deficiency since January 1st	0.3
Highest for this month since 1871	74 on 1st in 1882
Lowest for this month since 1871	7 on 30th in 1875

Hourly Temperatures.

Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1.....	54	54	54	55	55	54	53	54	55	57	58	60	61	60	61	59	56	54	53	52	50	49	50	49
2.....	48	48	48	48	47	44	43	45	48	53	56	59	61	62	62	62	61	60	60	59	58	56	53	52
3.....	53	49	51	51	49	48	47	48	48	49	51	52	53	54	54	54	52	50	49	48	46	46	45	45
4.....	43	42	41	41	40	41	42	45	45	48	50	50	52	52	53	52	52	53	49	48	47	48	49	49
5.....	51	53	54	55	55	53	51	51	50	52	51	50	48	46	45	45	45	45	44	45	45	45	45	45
6.....	44	44	44	43	43	42	43	44	47	48	49	50	52	53	51	51	50	49	48	48	48	47	46	45
7.....	45	45	45	44	44	45	44	43	47	50	52	54	55	56	56	54	51	51	50	50	49	48	47	46
8.....	45	44	44	44	43	43	42	43	44	47	51	55	56	57	58	58	58	57	56	55	54	53	51	50
9.....	48	48	47	47	46	46	44	46	47	48	52	59	64	68	69	69	68	67	64	63	62	63	63	58
10.....	57	57	56	55	52	49	48	47	47	49	52	56	57	60	60	59	57	56	54	53	51	51	50	50
11.....	47	46	45	45	45	46	46	49	50	50	51	52	53	53	54	53	51	50	48	47	46	45	44	44
12.....	43	44	44	44	44	43	42	42	42	43	46	48	50	51	51	51	51	50	50	50	52	52	51	51
13.....	50	49	49	47	46	46	45	47	47	48	48	48	50	51	50	49	50	51	51	51	51	52	52	52
14.....	52	53	54	54	55	55	55	55	51	48	46	45	43	42	41	40	40	39	38	36	36	35	35	34
15.....	34	33	33	32	31	31	32	34	34	34	35	34	34	37	39	40	40	40	39	35	36	37	36	35
16.....	34	33	32	31	30	29	28	29	31	34	35	36	38	38	40	39	36	35	34	34	33	33	33	33
17.....	33	32	34	34	34	34	34	36	36	38	39	41	43	44	46	46	45	43	42	41	40	39	39	39
18.....	40	40	40	40	39	39	38	38	40	41	42	44	45	47	47	46	44	43	42	42	40	39	38	36
19.....	36	37	35	34	33	32	31	33	34	37	41	44	47	48	49	49	48	47	46	45	44	42	41	41
20.....	40	40	40	40	39	38	36	39	42	46	49	50	52	53	51	49	46	45	43	42	41	40	38	38
21.....	37	35	32	32	30	29	28	27	28	28	30	33	36	38	40	41	41	42	39	37	38	35	33	32
22.....	30	30	31	29	29	28	29	30	30	33	36	39	40	42	43	43	43	42	41	41	41	40	40	40
23.....	40	39	38	39	39	40	42	44	46	47	51	52	54	57	57	57	56	56	56	56	58	58	55	53
24.....	52	51	51	51	50	49	48	49	50	52	50	49	48	47	47	44	43	41	40	38	37	36	35	34
25.....	33	32	31	30	30	29	28	29	31	33	34	35	36	35	34	31	30	29	28	28	28	28	28	27
26.....	27	26	26	26	26	25	26	26	27	30	31	34	35	36	36	36	34	33	33	34	34	34	34	35
27.....	35	35	36	36	35	34	34	34	35	38	42	44	47	49	50	50	49	49	47	46	45	44	43	41
28.....	40	39	37	37	37	36	36	36	37	40	42	43	44	46	48	49	47	46	45	45	47	48	48	46
29.....	48	48	49	48	47	47	48	48	49	51	54	59	61	58	57	58	56	55	54	55	54	55	56	56
30.....	55	54	54	54	54	53	53	53	54	53	50	50	51	50	50	50	49	48	47	47	46	42	39	38
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

U. S. Department of Agriculture. Weather Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

WITH COMPARATIVE DATA.

NEW YORK, N. Y. MONTH OF DECEMBER, 1916.

Date	Temperature (Degrees Fahrenheit.) Maximum.	Minimum.	Mean.	Departure Of Mean From Normal.
1	47	36	42	+ 4
2	48	35	42	+ 4
3	44	35	40	+ 3
4	55	42	48	+11
5	62	50	56	+19
6	55	40	48	+12
7	51	37	44	+ 8
8	46	36	41	+ 5
9	49	32	40	+ 4
10	41	30	36	+ 1
11	41	30	36	+ 1
12	39	31	35	0
13	34	27	30	— 5
14	33	22	28	— 6
15	32	22	27	— 7
16	25	15	20	—14
17	30	15	22	—12
18	30	19	24	—10
19	30	19	24	—10
20	37	16	26	— 7
21	43	31	37	+ 4
22	44	29	36	+ 3
23	34	24	29	— 4
24	35	25	30	— 3
25	39	26	32	— 1
26	33	23	28	— 4
27	40	23	32	0
28	44	32	38	+ 6
29	32	22	27	— 5
30	30	18	24	— 8
31	31	18	24	— 8
Month	Mean 39.8	Mean 27.7	Mean 33.8	Blank ....
Normal	40.9	28.0	34.4	Blank ....

Atmospheric Pressure.

(Reduced to sea-level; inches.)

Mean	29.98
Highest	30.52 on the 26th
Lowest	29.02 on the 22d
Highest recorded for this month since 1882	30.93 on the 28th in 1896
Lowest recorded for this month since 1882	28.97 on the 26th in 1909

Temperature.

Highest	62 on the 5th
Lowest	15th on the 16th
Greatest daily range	21 on the 20th
Least daily range	7 on the 13th
Average daily deficiency of this month as compared with the normal	0.6
Accumulated Deficiency since January 1st	135
Average daily deficiency since January 1st	0.4
Highest for this month since 1871	68 on 23d in 1891
Lowest for this month since 1871	—6 on 31st in 1880

Hourly Temperatures

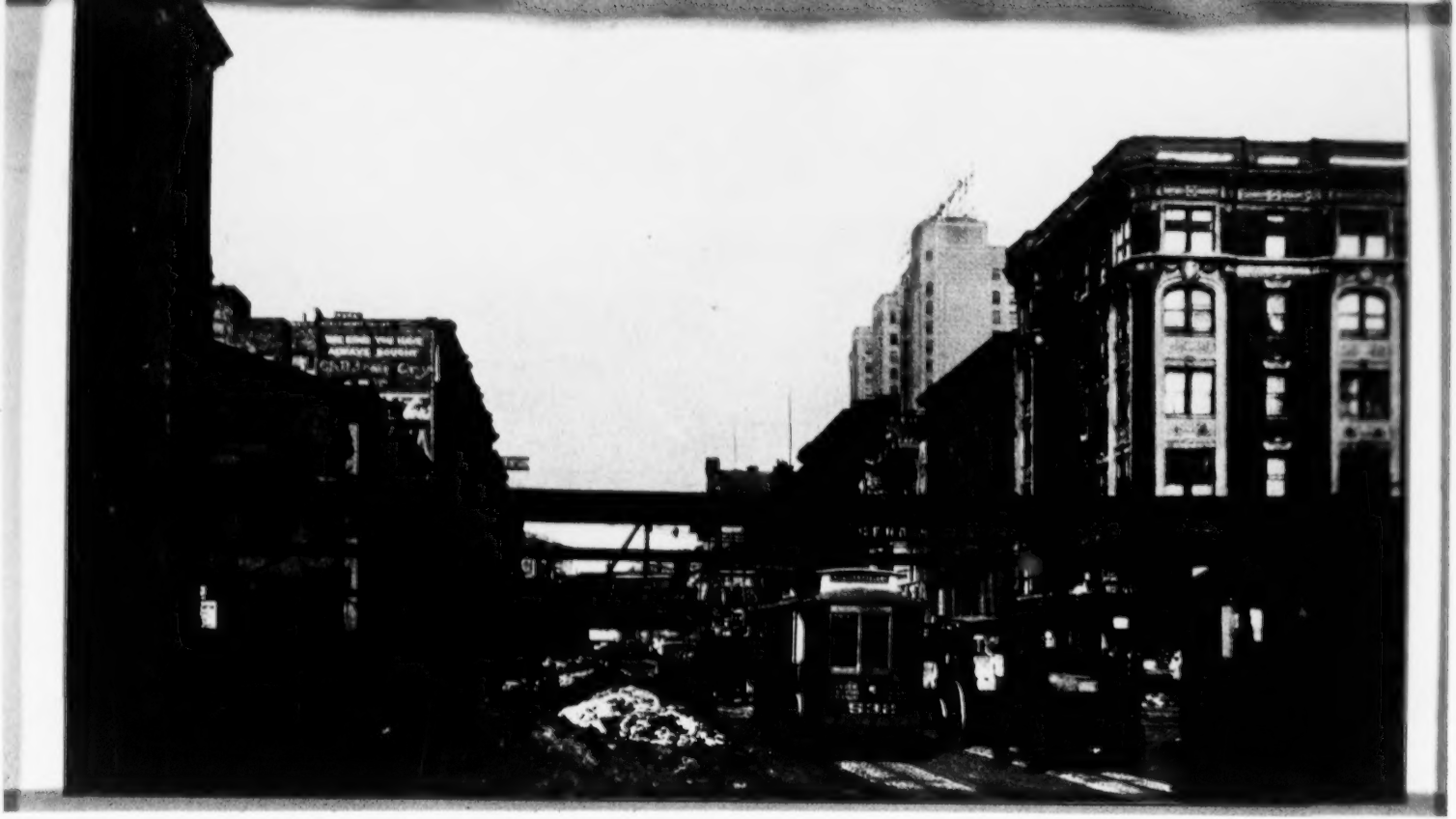
Date.	A. M.												P. M.											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	37	37	36	36	36	37	38	39	39	40	40	42	43	44	47	45	44	42	41	40	38	38	38	37
2	36	36	36	36	35	35	38	40	40	44	45	47	48	48	48	46	44	40	39	38	37	36	37	37
3	37	37	36	36	35	35	35	36	38	40	41	41	41	41	44	43	43	43	43	43	42	42	41	42
4	43	44	45	46	47	47	48	49	50	51	53	54	55	54	55	55	55	55	53	53	52	51	51	51
5	51	52	51	51	50	50	51	52	52	52	53	54	57	60	61	62	62	61	60	58	57	56	56	55
6	52	51	48	46	43	43	42	41	41	43	44	45	45	48	49	49	48	47	46	45	43	42	42	41
7	40	39	39	39	38	38	37	37	38	41	43	45	48	50	51	51	48	47	45	45	43	43	41	40
8	39	38	37	37	36	36	39	41	40	41	39	40	42	41	41	43	46	43	43	42	43	42	41	42
9	42	42	43	44	44	45	45	46	46	47	46	46	46	46	48	45	44	43	42	40	37	35	34	32
10	31	31	31	30	30	30	30	32	32	34	34	36	40	40	41	38	38	35	35	35	35	34	34	36
11	36	34	33	32	30	31	30	31	32	33	35	36	37	38	36	36	36	37	37	39	41	37	38	39
12	35	34	35	36	35	36	38	37	36	35	34	33	33	34	39	38	36	35	34	33	32	31	31	31
13	30	29	29	28	28	27	27	28	28	29	30	31	32	33	34	33	33	32	31	31	31	30	29	28
14	27	25	25	24	23	24	23	23	22	25	27	33	30	30	30	29	27	26	25	24	23	23	23	23
15	22	22	23	24	25	26	27	28	29	29	29	30	30	31	31	29	29	26	23	22	22	23	23	23
16	24	24	23	22	18	17	16	15	19	19	19	20	22	24	24	23	23	22	22	18	17	16	15	15
17	16	17	20	20	22	22	20	20	21	22	23	25	27	29	29	28	27	26	25	23	22	21	21	20
18	20	20	21	21	20	20	19	19	22	26	24	25	29	27	27	28	28	28	29	30	29	29	27	23
19	23	23	22	22	22	22	21	23	23	24	25	27	29	30	29	27	25	24	23	21	21	20	20	19
20	19	19	17	17	18	19	20	22	25	27	30	34	31	32	33	33	34	36	36	35	37	36	33	31
21	32	35	36	36	37	38	38	40	38	34	35	35	37	37	38	40	43	42	41	40	39	38	34	36
22	36	36	36	36	36	36	36	37	37	38	42	43	43	39	39	40	36	35	34	33	30	29	29	29
23	29	28	27	26	25	24	24	26	26	26	27	28	30	31	32	34	33	32	32	32	32	34	31	29
24	27	27	26	26	26	25	25	25	25	28	29	31	32	34	35	34	32	32	32	32	33	34	34	34
25	34	33	31	31	31	31	34	36	35	35	38	39	39	37	37	36	32	30	28	28	27	26	26	26
26	26	25	25	25	24	24	24	25	25	25	27	30	31	33	33	32	31	30	27	25	25	25	23	23
27	24	27	29	26	28	29	31	28	28	29	32	35	36	38	38	39	39	38	37	37	36	35	35	34
28	34	35	44	42	40	38	38	37	40	42	43	42	41	38	38	38	38	37	38	37	36	35	33	32
29	31	30	30	29	28	28	27	25	25	25	26	27	28	29	31	29	28	27	26	24	24	23	22	22
30	21	21	20	20	19	18	19	19	22	23	24	26	28	30	29	28	27	26	25	25	24	24	23	22
31	21	21	21	20	20	19	18	19	20	21	23	25	27	29	30	30	28	26	25	25	24	23	22	22

COMPLAINANT'S EXHIBITS 479, 480, 481 AND 482

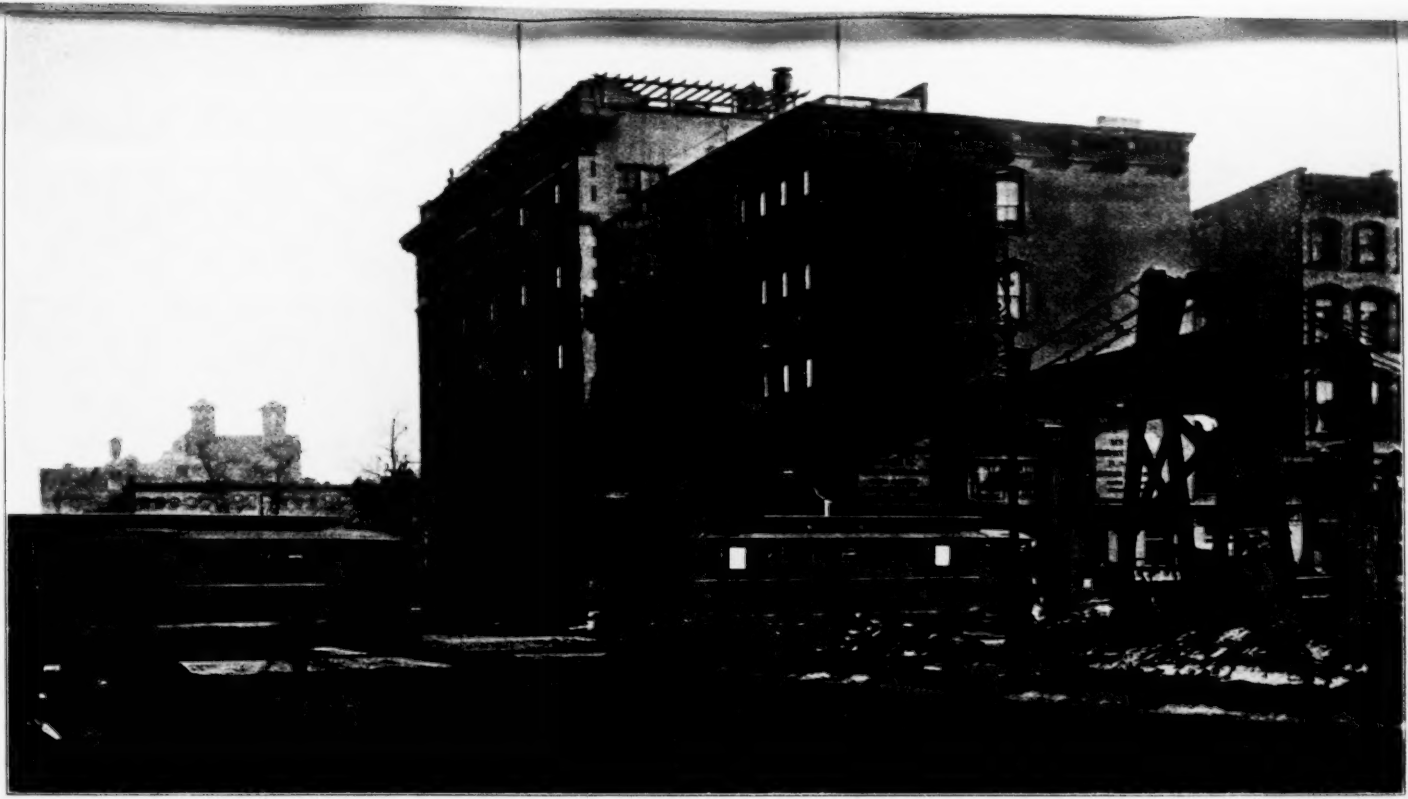
Maps showing by-passes, overhead and gutter types in years 1916, 1917, 1918 and 1919.

COMPLAINANT'S EXHIBIT 483

Six photographs showing overhead street passes.

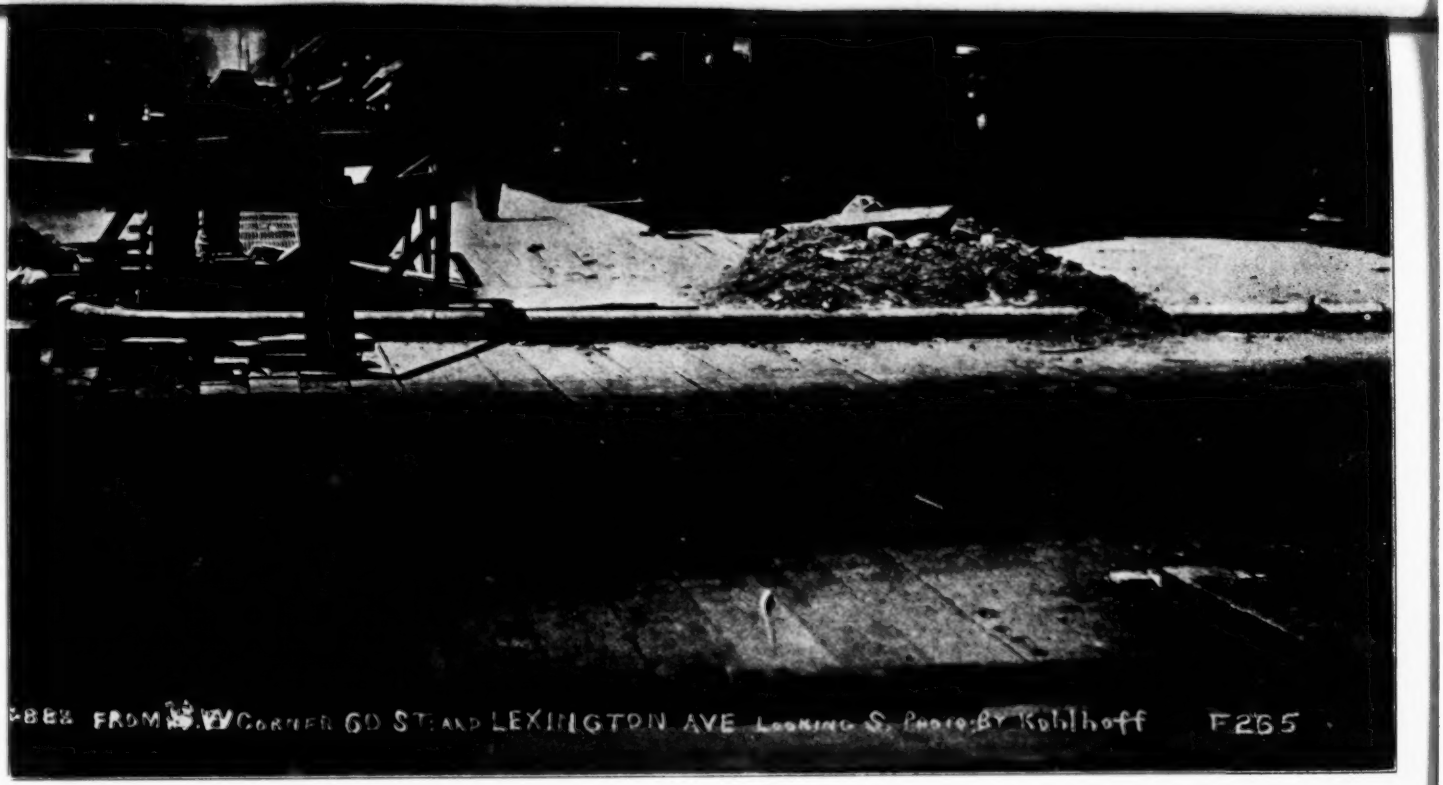


Overhead Main on E. Side of 1st Ave. and 16th St. Looking N. E. by N.



Overhead Main on E. Side of 2nd Ave. and 16th St. Looking N. E.

Overhead Mains at E. Side of 3d Ave. and 16th St. Looking S.



From S. W. Corner 60th St. and Lexington Ave. Looking S.

Overhead Main across Broadway at 17th St.

COMPLAINANT'S EXHIBIT 484

Temperature charts made at 14 St. & 1st Ave. latter part of Dec. 1917.

Not printed.

Complainant's Exhibit 485

The Astoria Light, Heat and Power Company

Quantities and Costs of Material and Labor

Coal Gas Manufacture

Year Ended December 31, 1918

	Quantity		Unit Price	Amount	Materials per M. Cu. Ft. Made	Cost per M. Cu. Ft. Made
Caking Coal	285,467	Tons	$4.819 Ton	$1,375,721.70	208.15 Lb.	$.4478
Labor Handling				45,087.65	.....	.0147
Coal—Inc. Handling				1,420,809.35	.....	.4625
Residuals						
Coke	428,260,500	Lbs.	.292 Lb. (100)	1,250,289.64	139.39 Lb.	.4070
Coal Tar	3,784,925	Gals.	.040 Gal.	152,494.38	1.23 Gal.	.0496
Ammoniacal Liquor	4,626,856	Lbs.	.024 Lb.	108,791.74	1.51 Lb.	.0354
Ammonia	118,192	Lbs.	.121 Lb.	14,293.02	.04 Lb.	.0047
Ammonia Sulphate	1,032,236	Lbs.	.061 Lb.	62,961.45	.34 Lb.	.0204
Cyanogen	470,149	Lbs.	.564 Lb.	265,333.17	.15 Lb.	.0864
Carbon	72,000	Lbs.	.010 Lb.	735.59	.02 Lb.	.0002
Total				1,854,398.99	.....	.6037
Residual Expense						
Handling Coke				85,777.10	.....	.0279
Other Residuals				50,884.15	.....	.0166
Total				136,661.25	.....	.0445
Net Credit from Residuals				1,717,937.71	.....	.5592
Net cost of Coal Carbonized				*297,128.36	.....	*.0967

* In red ink on original

Bench and Boiler Fuel						
Bench Fuel Coke	66,300,120	Lbs.	.283 Lb. (100)	187,830.34	21.38 Lb.	.0611
Boiler Fuel Coal	9,884.71	Tons	5.364 Ton	53,017.87	7.21 Lb.	.0173
Boiler Fuel Coke and Breeze	28,365,500	Lbs.	.211 Lb. (100)	59,875.36	9.23 Lb.	.0195
Labor Handling Boiler Fuel				2,845.97	.....	.0009
Total				303,589.54	.....	.0988
Net Cost of Coal Carbonized and Fuel				6,461.18	.....	.0021
Enrichment Cost						
Ravenswood Works	2,017,112	Gals.	.059 Gal.	118,932.36	.66 Gal.	.0387
Astoria Works—Gas Oil	2,912,809	Gals.	.065 Gal.	187,994.39	.95 Gal.	.0612
Less—Credit for Tar	*451,761	*Gals.	*.058 Gal.	*25,988.42	*.15 Gal.	*.0084
Net Cost of Enrichment				280,938.33	.....	.0915
Total Cost of Coal and Oil after deducting Residual Credits				287,399.51	.....	.0936
Iron Mass	76,714	Bu.	.216 Bu.	16,575.88	.02 Bu.	.0054
Handling Disused Oxide				111.08	.....	.....
City Water	10,850,454	C. F.	1.00 M. C. F.	10,850.46	3.53 C. F.	.0035
Sundry Supplies				11,055.23	.....	.0036
Total Cost Manufacturing Materials				325,992.16	.....	.1061
Gas Making Labor				236,597.38	.....	.0770
Electric Power House Operation				76,844.95	.....	.0250
Repairs Labor				189,037.41	.....	.0616
" Material				173,094.02	.....	.0563
Miscellaneous Works Expense				77,416.48	.....	.0252
Gas Storage				306.35	.....	.0001
Total				1,079,288.75	.....	.3513
Undistributed Adjustments—U. S. Government. (Steam)				*35,805.01	.....	*.0116
Total Coal Gas Made			3,072,003,989 C. F.	1,043,483.74	.....	.3397
Less—Loss in Volume charged U. S. Govt.			*3,926,989 C. F.	*1,667.77	.....	*.4247
Net Coal Gas Made			3,068,077,000 C. F.	$1,041,815.97	.....	$.3396

* In red ink on original.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY

QUANTITIES AND COSTS OF MATERIAL AND LABOR

WATER GAS MANUFACTURE

Year Ended December 31, 1918

	Quantity	Unit Price	Amount	Materials per M. Cu. Ft. Made	Cost per M. Cu. Ft. Made
Generator Coal	18,750.10 Tons	$6.186 Ton	$115,981.91	6.28 Lb.	$.0174
" Coke	193,438,845 Lbs.	.283 Lb. (100)	548,076.72	28.95 Lb.	.0820
Handling Generator Coal & Coke			7,587.25	.....	.0011
Total Generator Fuel			671,645.88	.....	.1005
Boiler Fuel, Coal	5,493.8 Tons	5.624 Ton	30,897.21	1.84 Lb.	.0046
Boiler Fuel, Coke	23,619,500 Lbs.	.216 Lb. (100)	51,053.05	3.53 Lb.	.0076
Boiler Fuel, Water Gas Tar	2,934,757 Gals.	.06 Gal.	176,085.62	.44 Gal.	.0263
Boiler Fuel, Crude Still Residue	23,457 Gals.	.054 Gal.	1,266.68	.....	.0002
Handling Coal & Coke			2,386.43	.....	.0004
Total Boiler Fuel			261,688.99	.....	.0391
Total Generator and Boiler Fuel			933,334.87	.....	.1396
Gas Oil	30,442,154 Gals.	.065 Gal.	1,966,679.24	.....	.....
Less—Charged to Coal Gas	*2,912,809 *Gals.	*.065 Gal.	*187,994.39	.....	.....
	27,529,345 Gals.	.065 Gal.	1,778,684.85	4.12 Gal.	.2662
Iron Mass	66,702 Bu.	.216 Bu.	14,400.30	.01 Bu.	.0022
Shavings	19,764 Bu.	.044 Bu.	861.21	.....	.0001

* In red ink on original.

City Water	11,486,354	C. F.	1.00 M. C. F.	11,486.36	1.72 C. F.	.0017
Sundry Supplies				7,380.54	.....	.0011
Total Material				2,746,148.13	.....	.4109
Residuals						
Water Gas Tar	4,790,109	Gals.	.061 Gal.	294,401.36	.....	.....
Less—Credited to Coal Gas	*451,761	*Gals.	*.058 Gal.	*25,988.42	.....	.....
	4,338,348	Gals.	.062 Gal.	268,412.94	.65 Gal.	.0402
Drip Oil	510,911	Gals.	.098 Gal.	50,145.96	.08 Gal.	.0075
Drip Oil—Loss in recovery charged U. S. Gov't	100,461	Gals.	.100 Gal.	10,046.10	.02 Gal.	.0015
Net Credit from Residuals				328,605.00	.....	.0492
Net Materials				2,417,543.13	.....	.3617
Gas Making Labor				184,329.79	.....	.0276
Electric Power House Operation				13,714.30	.....	.0021
Repairs—Labor				73,367.06	.....	.0110
" —Material				65,443.45	.....	.0098
Miscellaneous Works Expense				42,473.76	.....	.0064
Gas Storage				153.20	.....	.....
Total				2,797,024.69	.....	.4186
Undistributed Adjustments—U. S. Gov't. (Steam & Water)				*87,443.26	.....	*.0131
Total Water Gas Made			6,682,772,011 C. F.	2,709,581.43	.....	.4055
Less—Loss in Volume charged U. S. Gov't			*12,498,011 C. F.	*5,426.27	.....	*.4342
Net Water Gas Made			6,670,274,000 C. F.	$2,704,155.16	.....	$.4054

* In red ink on original.

THE ASTORIA LIGHT, HEAT AND POWER COMPANY

COMBINED COAL AND WATER GAS MANUFACTURE

Year Ended December 31, 1918

	Quantity	Amount	Cost per M. Cu. Ft. Made
Net Coal Gas Made	3,068,077,000 C. F.	$1,041,815.97	$.3396
Net Water Gas Made	6,670,274,000 C. F.	2,704,155.16	.4054
Total	9,738,351,000 C. F.	3,745,971.13	.3847
Less—Used by Company	8,194,400 C. F.		
	9,730,156,600 C. F.		
Increase in Stock on hand	3,487,000 C. F.		
Sold to Consumers	261,900 C. F.		
Sold to U. S. Government	80,823,300 C. F.		
Sold to Consolidated Gas Co.	9,645,584,400 C. F.		
Total Gas Manufactured for sale	9,730,156,600 C. F.	3,745,971.13	Cost per M. Cu. Ft. Made for Sale .3850
General and Miscellaneous Expenses			
Salaries—General Office		16,316.60	.0017
Supplies & Expenses—General Office		33,257.84	.0034
Legal Expense		7,185.11	.0007
Insurance		35,662.75	.0037
Vacation and Sickness		2,921.79	.0003
Contributions to G. C. E. M. A. S.		6,830.60	.0007
Accidents and Damages		4,866.56	.0005
Undistributed Adjustments		*190,122.55	*.0195
Duplicate Gas Charges		*6,555.52	*.0007

* In red ink on original.

Defensive Emergency Service	52,794.21	.0054
Renewals and Replacements	48,633.35	.0050
Total	11,790.74	.0012
Taxes	596,084.05	.0613
Total	4,353,845.92	.4475
Use of 48" Harlem River Main	14,468.12	.....
Use of 48" and 60" Mains, L. I. City	61,730.00	.....
Use of Ravenswood Tunnel	51,172.80	.....
Use of Astoria Tunnel	379,190.73	.....
Total	506,561.65	.0520
Total	4,860,407.57	.4995
Add: Interest at 7% per annum on average investment ($17,169,342.57) used in the manufacture of gas	1,201,853.98	.1235
Total	$6,062,261.55	$.6230

SUMMARY

Increase in Stock on hand	3,487,000 C. F.	$2,172.54	$.6230
Sold to Consumers	261,900 C. F.	163.17	.6230
Sold to U. S. Government	80,823,300 C. F.	50,356.02	.6230
Sold to Consolidated Gas Co.	9,645,584,400 C. F.	6,009,569.82	.6230
Totals (as above)	9,730,156,600 C. F.	$6,062,261.55	$.6230

GAS SOLD TO THE CONSOLIDATED GAS COMPANY

			Cost per M. Cu. Ft. Sold C. G. Co.
Charged to Consolidated Gas Co.	9,645,584,400 C. F.	$6,001,023.70	$.6221

COMPLAINANT'S EXHIBIT 486

ASTORIA LIGHT, HEAT & POWER COMPANY

QUANTITIES AND COSTS OF MATERIAL AND LABOR

COAL GAS MANUFACTURE

Eight Months Ended August 31, 1919

	Quantity		Unit Price	Amount	Materials per M. Cu. Ft. Made	Cost per M. Cu. Ft. Made
Caking Coal	278,259.85 Tons		$5.715 Ton	$1,590,261.05	211.78 Lb.	$.5403
Labor Handling				53,901.02	.....	.0183
Coal—Inc. Handling				1,644,162.07	.....	.0183
Residuals						
Coke	417,389,775	Lbs.	.280 Lb. (100)	1,170,453.35	141.82 Lb.	.3977
Coal Tar	3,519,061	Gals.	.043 Gal.	152,396.07	1.20 Gal.	.0518
Ammoniacal Liquor	5,037,243	Lbs.	.024 Lb.	120,683.75	1.71 Lb.	.0410
Ammonia	86,344	Lbs.	.12 Lb.	10,361.28	.03 Lb.	.0035
Ammonia Sulphate	741,508	Lbs.	.043 Lb.	31,649.73	.25 Lb.	.0108
Cyanogen	352,903	Lbs.	.306 Lb.	108,094.79	.12 Lb.	.0367
Carbon	48,000	Lbs.	.021 Lb.	1,000.70	.02 Lb.	.0003
Total				1,594,639.67	.....	.5418
Residual Expense						
Handling Coke				90,766.18	.....	.0308
Other Residuals				39,276.64	.....	.0134
Total				130,042.82	.....	.0442
Net Credit from Residuals				1,464,596.85	.....	.4976
Net cost of Coal Carbonized				179,565.22	.....	.0610

Bench and Boiler Fuel						
Bench Fuel Coke	56,272,185	Lbs.	.283 Lb. (100)	159,437.85	19.12 Lb.	.0542
Boiler Fuel Coal	688.28	Tons	6.292 Ton	4,330.38	.52 Lb.	.0015
Boiler Fuel Breeze	24,508,000	Lbs.	.1975 Lb. (100)	48,403.30	8.33 Lb.	.0164
Labor Handling Boiler Fuel				1,177.03	.....	.0004
Total				213,348.56	.....	.0725
Net Cost of Coal Carbonized and Fuel				392,913.78	.....	.1335
Enrichment Cost						
Enrichment from Ravenswood Wks.	2,262,448	Gals.	.064 Gal.	145,041.83	.77 Gal.	.0493
Gas Oil for enrichment (Credited to Water Gas)	2,610,185	Gals.	.068 Gal.	177,092.84	.89 Gal.	.0602
Less—Credit for Water Gas Tar (Astoria W. G. Plant)	*459,193	*gals.	*.049 gal.	*22,317.64	*.16 Gal.	*.0076
Net Cost of Enrichment				299,817.03	.....	.1019
Total Cost of Coal and Oil after deducting Residual Credits				692,730.81	.....	.2354
Iron Mass	73,578	Bu.	.275 Bu.	20,207.73	.02 Bu.	.0068
City Water	7,064,820	Cu. Ft.	1.00 M. Cu. Ft.	7,064.83	2.40 C. F.	.0024
Sundry Supplies				5,921.85	.....	.0020
Total Cost Manufacturing Materials				725,925.22	.....	.2466
Gas Making Labor				222,615.04	.....	.0756
Electric Power House Operation				50,183.86	.....	.0171
Repairs Labor				144,359.72	.....	.0490
" Material				213,671.32	.....	.0726
Miscellaneous Works Expense				37,878.30	.....	.0129
Gas Storage				153.73	.....	.0001
Total				1,394,787.19	.....	.4739
Undistributed Adjustments—U. S. Government (Steam)				*2,076.72	.....	*.0007
Total Coal Gas Made			2,943,153,000 C. F.	$1,392,710.47	.....	$.4732

* In red ink on original.

ASTORIA LIGHT, HEAT & POWER COMPANY

QUANTITIES AND COSTS OF MANUFACTURE AND LABOR

WATER GAS MANUFACTURE

Eight Months Ended August 31, 1919

	Quantity		Unit Price	Amount	Materials per M. C. F. Made	Cost per M. C. F. Made
Generator Coal	775.45	tons	$6.713 ton	$ 5,205.54	.42 lb.	$.0012
Generator Coke	150,705,705	lbs.	.2833 lb. (100)	426,999.51	36.01 lb.	.1020
Handling Gen. Coal & Coke				4,902.18	.....	.0012
Total Generator Fuel				437,107.23	.....	.1044
Boiler Fuel, Coal	916.39	tons	6.315 ton	5,787.34	.49 lb.	.0014
Boiler Fuel, Coke	9,276,000	lbs.	.1975 lb. (100)	18,320.10	2.22 lb.	.0044
Boiler Fuel, Water Gas Tar	2,736,704	gals.	.04 gal.	109,468.16	.65 gal.	.0261
Handling Coal & Coke				1,149.49	.....	.0003
Total Boiler Fuel				134,725.09	.....	.0322
Total Generator and Boiler Fuel				571,832.32	.....	.1366
Gas Oil	19,861,888	gals.	.068 gal.	1,355,197.68	.....	.....
Less—Charged to coal gas	*2,610,185	*gals.	*.068 gal.	*177,092.84	.....	.....
	17,251,703	gals.	.068 gal.	1,178,104.84	4.12 gal.	.2815
Iron Mass	41,848	bu.	.269 bu.	11,239.42	.01 bu.	.0027

* In red ink on original.

Shavings	11,586	bu.	.041 bu.	472.66	.....	.0001
City Water	8,796,568	c. f.	1.00 M. c. f.	8,796.57	2.10 c. f.	.0021
Sundry Supplies				3,943.17	.....	.0010
Total Material				1,774,388.98	.....	.4240
Residuals						
Water Gas Tar	3,559,213	gals.	.04 gal.	138,306.40	.....	.....
Less—Credited to coal gas	*459,193	*gals.	*.049 gal.	*22,317.64	.....	.....
	3,100,020	gals.	.04 gal.	115,988.76	.74 gal.	.0277
Drip Oil	187,895	gals.	.057 gal.	10,710.02	.04 gal.	.0026
Net Credit from Residuals				126,698.78	.....	.0303
Net Material				1,647,690.20	.....	.3937
Gas Making Labor				122,028.29	.....	.0292
Electric Power House Operation				6,514.72	.....	.0015
Repairs—Labor				46,976.82	.....	.0112
" —Material				40,933.35	.....	.0098
Miscellaneous Works Expense				53,636.42	.....	.0128
Gas Storage				218.63	.....	.0001
Total				1,917,998.43	.....	.4583
Undistributed Adjustments—U. S. Gov't. (Steam & Water)				*3,137.98	.....	*.0007
Total Water Gas Made			4,184,849,000 c. f.	$1,914,860.45	.....	$.4576

* In red ink on original.

ASTORIA LIGHT, HEAT & POWER COMPANY

COMBINED COAL AND WATER GAS MANUFACTURE

Eight Months Ended August 31, 1919

	Quantity	Amount	Cost per M. Cu. Ft. Made
Total Coal Gas Made	2,943,153,000 c. f.	$1,392,710.47	$.4732
Total Water Gas Made	4,184,849,000 c. f.	1,914,860.45	.4576
Total Coal & Water Gas Made	7,128,002,000 c. f.	3,307,570.92	.4640
Less Used by Company	4,492,100 c.f.		
	7,123,509,900 c. f.		
Increase in Stock on hand	3,855,000 c. f.		
Sold to Consumers	176,500 c. f.		
Sold to U. S. Government	967,900 c. f.		Cost per M. C. F. Made for Sale
Sold to Consolidated Gas Co.	7,118,510,500 c. f.		
Total Gas Manufactured for Sale	7,123,509,900 c. f.	3,307,570.92	.4643
General and Miscellaneous Expenses			
Salaries—General Office		14,243.24	.0020
Supplies & Expenses—General Office		10,035.31	.0014
Legal Expense		3,383.31	.0005
Insurance		37,591.71	.0053
Vacation & Sickness		3,462.93	.0005
Contributions to G. C. E. M. A. S.		4,581.19	.0006
Superannuation		427.00	.0001
Accidents and Damages		4,376.68	.0006
Undistributed Adjustments		*86,037.09	*.0121
Duplicate Gas Charges		*3,593.68	*.0005

* In red ink on original.

Defensive Emergency Service	3,771.22	.0005
Renewals and Replacements	35,598.28	.0050
Total	27,840.10	.0039
Taxes and Interest Thereon	447,041.85	.0628
Total	3,782,452.87	.5310
Use of 48" Harlem River Main	9,096.02	.....
Use of 48" and 60" Mains, L. I. City	38,809.65	.....
Use of Ravenswood Tunnel	32,172.00	.....
Use of Astoria Tunnel	238,009.12	.....
Total	318,086.79	.0446
Total	4,100,539.66	.5756
Add: Interest at 7% per annum on average investment ($19,675,788.44) used in the manufacture of gas	918,203.46	.1289
Total	$5,018,743.12	$.7045

SUMMARY

Increase in Stock on hand	3,855,000 c. f.	$ 2.715.98	$.7045
Sold to Consumers	176,500 c. f.	124.35	.7045
Sold to U. S. Government	967,900 c. f.	681.92	.7045
Sold to Consolidated Gas Co.	7,118,510,500 c. f.	5,015,220.87	.7045
Totals (as above)	7,123,509,900 c. f.	5,018,743.12	$.7045

GAS SOLD TO THE CONSOLIDATED GAS CO.

			Cost per M. C. F. Sold C. G. Co.
Charged to Consolidated Gas Co.	7,118,510,500 c. f.	$5,011,459.25	$.7040

COMPLAINANT'S EXHIBIT 487.

Complainant's Tabulation Showing Contract Dates and Prices for Gas Oil—Companies Within the City of New York, 1904-1920—Prices Shown in Cents Per Gallon, Delivered by Bulk Boat Unless Otherwise Noted.

Defendants' Table No. 300—Defendants' Exhibit AA 407 made complete and brought down to date)

Contract Date	Bronx Gas & Elec. Co.	Brooklyn Borough Gas. Co.	Brooklyn Union Gas. Co.	Consol. Gas Co.	Kings County L't'g Co.	N. Y. Mutual Gas Co.	N. Y. and Queens Gas Co.	N. Y. and Richmond Gas Co.	Queens Borough Gas & Elec. Co.	Newtown and Flushing Gas Co.
(A) April 18, 1903 (1)	....	....	....	....	....	....	....	....	....	4.875
(A) Aug. 1, 1903 (2)	....	....	....	....	....	....	....	3.275	....	....
(A) April 27, 1904 (3)	....	....	....	....	....	....	....	....	....	4.5
(A) June 24, 1904 (4)	....	....	....	....	....	4.625	....	....	....	....
(A) July 8, 1904 (5)	....	....	4.04	....	....	"	....	....	....	....
(C) Dec. 5, 1904 (6)	....	....	"	....	....	"	....	....	3.25	....
(A) Mar. 3, 1905 (7)	....	....	"	....	....	"	4.125	....	"	....
(C) July 7, 1905 (8)	....	....	"	....	3.00	"	"	....	"	....
(A) Nov. 1, 1905 (9)	....	....	"	4.29	"	"	"	....	"	....
(C) April 1, 1906 (10)	....	....	"	"	"	"	"	....	3.125	....
(A) May 24, 1906 (11)	....	....	"	"	"	"	"	2.875	"	....
(A) July 23, 1906 (12)	....	3.625	"	"	"	"	"	"	"	....
(C) Oct. 5, 1906 (13)	....	"	"	"	(a)	"	"	"	"	....
(A) Nov. 1, 1906 (14)	....	"	4.29	"	....	"	"	"	"	....
(A) April 1, 1907 (15)	....	"	"	"	....		4.265	"	"	....
(A) April 5, 1907 (16)	....	"	"	"	....	"	"	"	4.625	....
(C) May 24, 1907 (17)	....	"	"	"	....	"	"	3.88	"	....
(A) July 1, 1907 (18)	....	"	"	"	....	4.875	"	"	"	....
(A) July 29, 1907 (19)	....	4.50	"	"	....	"	"	"	"	....
(D) Oct. 18, 1907 (20)	....	"	"	"	4.05	"	"	"	"	....
(a) Mar. 1, 1908 (21)	....	"	3.00	"	"	"	"	"	"	....
(C) Mar. 16, 1908 (22)	....	"	"	"	"	"	"	3.37	"	....
(C) Mar. 30, 1908 (23)	....	"	"	"	"	"	"	"	3.125	....
(A) July 10, 1908 (24)	....	2.80	"	"	"	"	"	"	"	....
(A) July 23, 1908 (25)	3.10	"	"	"	"	"	"	"	"	....

(D) Sept. 18, 1908 (26)	"	"	"	"	3.05	"	"	"	"	....
(A) Sept. 25, 1908 (27)	"	"	"	"	"	"	3.00	"	"	....
(A) Oct. 13, 1908 (28)	"	"	"	"	"	"	"	2.225	"	....
(A) Jan. 5, 1909 (29)	"	"	"	3.00	"	"	"	"	"	....
(A) April 6, 1909 (30)	"	"	"	"	"	"	"	"	2.50	....
(A) Jan. 19, 1910 (31)	"	2.425	"	"	"	"	"	"	"	....
(A) Mar. 16, 1910 (32)	"	"	"	"	2.475	"	"	"	"	....
(A) Jan. 1, 1911 (33)	"	"	"	3.00	"	"	"	"	"	....
(A) Jan. 1, 1911 (34)	"	"	3.00	"	"	"	"	"	"	....
(A) Jan. 1, 1911 (35)	"	"	"	"	"	3.00	"	"	"	....
(A) Feb. 7, 1911 (36)	"	"	"	"	"	"	"	2.225	"	....
(A) Nov. 8, 1911 (37)	3.00	"	"	"	"	"	"	"	"	....
(A) Nov. 15, 1911 (38)	"	"	"	"	"	"	"	"	2.60	....
(A) Jan. 1, 1912 (39)	"	"	3.00	"	"	"	"	"	"	....
(A) Sept. 5, 1912 (40)	"	"	"	"	4.18	"	"	"	"	....
(A) Nov. 22, 1912 (41)	"	"	4.50	"	"	"	"	"	"	....
(A) Dec. 5, 1912 (42)	"	"	"	"	"	3.1875	"	"	"	....
(A) Dec. 30, 1912 (43)	"	"	"	"	"	"	"	4.875	"	....
(A) Feb. 7, 1913 (44)	"	"	"	"	"	"	6.10	"	"	....
(B) Feb. 1913 (45)	"	"	"	"	"	"	6.30	"	"	....
(A) May 21, 1913 (46)	"	"	"	"	"	5.035	"	"	"	....
(A) June 10, 1913 (47)	"	"	5.00	"	"	"	....	"	"	....
(B) July 1, 1913 (48)	"	"	"	5.035	"	"	....	"	"	....
(C) Jan. 9, 1914 (49)	"	"	"	"	"	"	....	4.25	"	....
(A) Jan. 19, 1914 (50)	"	"	"	"	4.575	"	....	"	"	....
(A) April 30, 1914 (51)	"	"	"	"	"	"	....	"	4.00	....
(A) June 17, 1914 (52)	"	3.25	"	"	"	"	....	"	"	....
(A) June 30, 1914 (53)	"	"	3.0345	"	"	"	....	"	"	....
(A) June 30, 1914 (54)	"	"	"	"	"	3.035	....	"	"	....
(C) July 1, 1914 (55)	"	"	"	"	"	"	....	3.325	"	....
(B) July 1, 1914 (56)	"	"	"	3.035	"	"	....	"	"	....
(A) Sept. 10, 1914 (57)	3.50	"	"	"	"	"	....	"	"	....
(A) Oct. 1, 1915 (58)	"	3.875	"	"	"	"	....	"	"	....
(A) April 3, 1916 (59)	"	"	"	"	5.375	"	....	"	"	....
(A) June 22, 1916 (60)	"	"	"	"	"	"	....	"	4.85	....
(A) Oct. 2, 1916 (61)	5.00	"	"	"	"	"	....	"	"	....

(a) Contract not in evidence.

Contract Date	Bronx Gas & Elec. Co.	Brooklyn Borough Gas. Co.	Brooklyn Union Gas. Co.	Consol. Gas Co.	Kings County Ltg Co.	N. Y. Mutual Gas Co.	N. Y. and Queens Gas Co.	N. Y. and Richmond Gas Co.	Queens Borough Gas & Elec. Co.	Newtown and Flushing Gas Co.
(A) Oct. 3, 1916 (62)	5.00	3.875	3.0345	3.035	5.375	5.00	....	3.325	4.85	....
(D) Oct. 17, 1916 (87)	"	"	"	"	4.75	"	....	"	"	....
(A) Nov. 1, 1916 (63)	"	"	5.00	"	"	"	....	"	"	....
(B) Nov. 13, 1916 (64)	"	"	"	5.00	"	"	....	"	"	....
(A) Dec. 5, 1916 (65)	"	5.2	"	"	"	"	....	"	"	....
(A) July 6, 1917 (66)	"	"	"	"	6.950	"	....	"	"	....
(A) Nov. 2, 1917 (67)	"	"	"	"	"	"	....	"	"	....
(B) Dec. 4, 1917 (68)	"	"	"	6.5515	"	"	....	"	"	....
(A) Dec. 11, 1917 (69)	"	"	6.5309	"	"	"	....	"	"	....
(A) Dec. 11, 1917 (70)	"	"	"	"	"	6.56	....	"	"	....
(A) Dec. 12, 1917 (71)	6.97	"	"	"	"	"	....	"	"	....
(A) Dec. 12, 1917 (72)	"	6.95	"	"	"	"	....	"	"	....
(A) Nov. 26, 1918 (73)	7.80	"	"	"	"	"	....	"	"	....
(A) Nov. 27, 1918 (74)	"	7.75	"	"	"	"	....	"	"	....
(A) Dec. 12, 1918 (75)	"	"	7.55	"	"	"	....	"	"	....
(A) Dec. 16, 1918 (76)	"	"	"	"	7.495	"	....	"	"	....
(B) Dec. 16, 1918 (77)	"	"	"	7.5721	"	"	....	"	"	....
(A) Dec. 18, 1918 (78)	"	"	"	"	"	7.5721	....	"	7.00	....
(C) Dec. 19, 1918 (79)	"	"	"	"	"	"	....	"	"	....
(A) Mar. 26, 1919 (80)	"	"	"	"	"	6.0821	....	"	"	....
(A) Mar. 26, 1919 (81)	"	"	6.08	"	"	"	....	"	"	....
(B) Mar. 28, 1919 (82)	"	"	"	6.0824	"	"	....	"	"	....
(C) June 24, 1919 (83)	"	"	"	"	"	"	....	5.75	"	....
(A) Dec. 18, 1919 (84)	"	"	"	"	"	7.0821	....	"	"	....
(A) Dec. 20, 1919 (85)	7.55	"	"	"	"	"	....	"	"	....
(A) Dec. 22, 1919 (86)	"	"	7.05	"	"	"	....	"	"	....

(A) Oil supplied by Standard Oil Company of New York.
(B) Oil supplied by Standard Oil Company of New Jersey.
(C) Oil supplied by Gulf Refining Company.
(D) Oil supplied by Texas Oil Company.
(E) Oil supplied by Sun Oil Company.
(1) Contract dated April 18th, 1903, between Standard Oil Company of New York and Newtown & Flushing Gas Co., for 500,000 gallons of gas oil at 4.875c to be supplied from May 1st, 1903, to April 30th, 1904. Shipment by rail.
(2) Contract dated August 1st 1903, between Standard Oil Co., N. Y., and New York & Richmond Gas Co. for 1,000,000 gallons gas oil at 3.275c.
(3) Cantract dated April 27th, 1904, between Standard Oil Co., N. Y., and Newtown & Flushing Gas Co. for 550,000 gallons at 4.5c to be supplied from May 2, 1904, to May 2, 1905. Shipment by rail.
(4) For 28,000,000 gallons of gas oil to be delivered between 7/1/04 and 9/30/06—gravity not less than 34° Baumé.
(5) Contract for 83,000,000 gals. of gas oil to be delivered from 7/1/04 to 6/30/06—21,000,000 gals. to be not less than 28° gravity at 4.04c per gal. and 62,000,000 gals. to be not less than 34° gravity at 4.625c per gal. (Oil was purchased at these prices until November, 1906.)
(6) Contract covers supply from 4/1/05 to 4/1/06 (350,000 to 400,000 gals. of Solar gas oil).
(7) Delivery by *tank car* of 400,000 gals. of gas oil during the period from 3/3/05 to 3/3/06.
(8) Contract calls for delivery of oil required during period from 1/1/06 to 1/1/07 (not to exceed 1,800,000 gals.): *Solar oil* at 3.0c per gal. and *crude fuel oil* at 2.75c per gal. For failure to deliver gas Company may purchase elsewhere.
(9) Contract for 255,000,000 gal.; 40% to be not less than 34° gravity oil at 4.875c per gal.; remainder to be not less than 28° gravity at 4.29c per gal.
(10) Date of contract not known. Company purchased oil at this price from 4/1/06 to 4/1/07. (Test. p. 10037 of mimeograph minutes.)
(11) Contract covered the supply of *gas oil* used from 6/1/06 to 6/1/07 (estimated 825,000 gals.).
(12) Contract for 750,000 gal.; 27°-28° gravity. To be delivered from July 31, 1906, to July 31, 1907, in tank cars.
(13) Contract for supply of oil to Kings County Lighting Co. not produced in evidence.
(14) Contract for 65,000,000 gals. to be delivered from 11/1/06 to 6/30/08; 60% to be gas oil not less than 28 deg. gravity at 4.29c per gal., remainder to be not less than 34° gravity at 4.875c per gal.
(15) Delivery by tank car of 800,000 gals. of gas oil from 4/1/07 until full amount is taken.
(16) Contract for 700,000 gals., 28°-34° gravity gas oil to be delivered from 4/5/07 until full amount is taken.
(17) *Gas oil* required from 6/1/07 to 6/1/08 (1,000,000 to 1,100,000 gals.).
(18) Supply of gas oil, 28°-34° gravity required from 6/20/07 to 6/30/08 (estimated 15,000,000, within 10% more or less).
(19) Contract for 950,000 gals., 10% more or less; 27°-34° gravity. To be delivered between July 31, 1907, and July 31, 1908, in tank cars.
(20) Covering supply for year 1908 (2,000,000 to 2,700,000 gals.) Gas oil of 28° gravity at 3.95c per gal. and crude fuel oil of 22° gravity or better (moisture and sediment not to exceed 1%) at 3.70c per gal. Gas oil or crude oil must be delivered continuously for minimum periods of three months.—In case it is not practicable to use crude oil, they to have option to take gas oil as above at 4.05c per gal.

(21) From March 1, 1908, to Dec. 31, 1910, the company had no oil contract but purchased 28° oil at 3.00 cents a gal. and 34° oil at 3.375 cents a gallon. (Test. p. 10268.)
(22) *Supply of gas oil* from 5/1/08 to 7/1/09 (1,080,000 to 1,320,000 gals.).
(23) Supply of gas oil, not less than 30° gravity, from 4/1/08 to 4/1/09 (estimated 800,000, 20% more or less).
(24) Contract for 1,900,000 gal., 10% more or less; 28°-34° gravity gas oil. Delivery from Aug. 1, 1908, to Aug. 1, 1910 by bulk barge. Tank cars 1/8c more price 2.925c.
(25) Contract for 2,000,000 gals. of 34° gravity gas oil to be delivered from 7/23/08 until the full quantity is taken.
(26) Contract dated 10/18/07 extended as follows:—The total quantity of oil to be taken is fixed at 4,900,000 gals. The price of the first 1,400,000 gals. taken (including that portion already delivered) shall be as before,—3.70c for Crude, and 3.95c for Gas Oil. On the balance, 3,500,000 gallons (which shall cover the entire requirements of the purchaser until taken), the price shall be 2.90c per gallon for Crude, and 3.05c per gallon for Gas Oil.
(27) Contract for 4,000,000 gals. of 28°-34° gravity gas oil, delivered by boat from 9/25/08 until the full amount is taken. On 2/7/13 the Standard Oil Company notified the gas company that there was only a small balance due on this contract, and that the Oil Company was not in a position to make a new contract and could not promise to supply the Gas Company's current wants on account of the decrease in the production of crude oil.
(28) Contract for 2,200,00 gals of 28°-34° (to average 32° gravity gas oil to be delivered from 5/1/09 until full amount is taken. is taken.
(29) No contract. From 1/5/09 to 12/31/10 the gas oil was purchased at current prices; 3.00c per gal. for 28°-30° gravity gas oil and 3.375c per gal. for 34° gas oil. (See testimony.)
(30) Contract covers 3,000,000 gals of 28°-34° (to average 34°) gravity gas oil to be delivered from 4/6/09 until the full amount is taken.
(31) Contract for 6,000,000 gals. of *gas oil*, 28°-34° gravity. To be delivered from expiration of contract dated July 10, 1908, until full quantity is taken, delivery by bulk boat, 1/8c increase by rail, price 2.55c.
(32) Contract for 7,500,000 gals. of 28°-34° gravity gas oil to be delivered from 3/25/10 until full amount is taken.
(33) Contract covering supply for year 1911 (estimated 81,000,000 gals. more or less). 50% to be 28°-30° gravity at 3.00c per gal., and 50% to be 34° gravity at 3.375c per gal. Contract contains option allowing Gas Company to extend same covering requirements for the years 1912 and 1913; which options were exercised.
(34) Contract covering supply for year 1911 (estimated 48,000,000 gals., 10% more or less) half to be 28°-30° gravity at 3.00c per gal. and half to be 34° gravity at 3.375c per gal.
(35) Contract covering supply for year 1911 (estimated 11,000,000 gals.—10% more or less) contains options, which were exercised allowing gas company to extend same to cover supply for year 1912 and year 1913. Half of oil delivered to be 28°-30° gravity at 3.00c per gal. and half to be 34° gravity at 3.375c per gal. For 1913 specification was changed to 28° 34° gravity at 3.1875c per gal.
(36) Contract for 3,000,000 gals. of 28°-34° (to average 32°) gravity gas oil to be delivered from 2/11/11 until full quantity is taken.
(37) Contract for 2,000,000 gals. of 28 to 34 gravity gas oil to be delivered from expiration of last contract until full amount is taken. Seller's option to deliver an additional 1,000,000 gallons at 3c per gallon.
(38) Contract for 3,000,000 gals. 28°-34° (to average 34°) gravity gas oil to be delivered from expiration of last contract until full amount is taken. Delivered by rail 2.90c.

(39) Contract covering supply for year 1912 (estimated as 50,000,000 gals. 10% more or less) half to be gas oil of 28°-30° gravity at 3.00c per gal. and half to be 34° gravity gas oil at 3.375c per gal.
(40) Contract for 8,000,000 gals. of 28°-34° gravity gas oil to be delivered from end of last contract until full quantity is taken.
(41) Contract for 60,000,000 gals., 28°-34° gravity gas oil to be delivered during year 1913.
(42) Contract for 10,000,000 gals. (10% more or less) of 28 to 34 gravity gas oil at 3.1875c per gal. To be delivered during year 1913.
(43) Contract for 1,500,000 gals. of 28°-34° (to average 32°) gravity gas oil to be delivered after expiration of last contract until full amount is taken but not to extend more than one year after date of first delivery.
(44) Covering one boatload of gas oil delivered after expiration of last contract. (See Ex. AA250.)
(45) Contract for 200,000 gals. of gas oil. This contract was cancelled by payment of $1,500, oil being obtained under the Consolidated Gas Company's existing contract at 3.08c per gal. (See Ex. AA250.)
(46) Contract for 9,500,000 gals. of 28°-34° gravity gas oil to be delivered during year 1914 or until full amount is taken.
(47) Contract for 65,000,000 gals. of 28°-34° gravity gas oil covering requirements for year 1914.
(48) Contract for 105,000,000 gals. of gas oil, not less than 28° gravity covering requirements for Consolidated Company and allied companies during the year 1914. Deliveries at this price at West 44th St., West 42nd St., East 21st St., East 99th St. and Ravenswood, L. I.; price is slightly higher for delivery at other points.
(49) Contract covering deliveries during 1914 (estimated at 2,000,000 gals.); 30° gravity oil at 4.25c per gal., 30°-32° gravity oil at 4.375c per gal.
(50) Contract for 7,000,000 gals. of 28°-34° gravity gas oil to be delivered after expiration of last contract until full amount is taken.
(51) Contract for 3,500,000 gals. 28°-34° (to average 34°) gravity, 4c. gas oil to be delivered from expiration of last contract until full amount is taken. Price rail deliveries 4.30c.
(52) Contract for 2,000,000 gals. 28°-34° gravity gas oil to be delivered in bulk boat, from expiration of contract dated Jan. 19, 1910, until all is taken. If necessary to deliver oil in tank cars an additional .125c per gal. margin to be charged by oil company making price 3.375c per gal.
(53) Contract for 171,000,000 gals. of not less than 28° gravity gas oil to be delivered from 7/1/14 to 12/31/16. This contract abrogates contract dated 6/10/13.
(54) Contract for 28,000,000 gals. of not less than 28° gravity gas oil to be delivered from 7/1/14 to 12/31/16. This contract abrogates contract dated 5/21/13.
(55) Contract covering deliveries from 7/1/14 to 6/30/17, (estimated at 6,000,000 gals.); 30°-32° gravity gas oil. This contract abrogates contract dated 1/9/14.
(56) Contract for 275,000,000 gals. of gas oil, not less than 28° gravity, covering requirements of Consolidated company and allied companies from 7/1/14 to 12/31/16. Deliveries at this price at West 44th St., West 42nd St., East 21st St., East 99th St. and Ravenwood, L. I.; price is slightly higher for delivery at other points. This contract abrogates contract dated 7/1/13.
(57) Contract for 2,000,000 gals. of 28°-34° gravity gas oil to be delivered from 9/7/14 until full amount is taken. This contract abrogates balance due on contract dated 6/1/14, which contract was produced.
(58) Contract for 2,000,000 gals. of 28°-34° gravity gas oil, to be delivered in bulk boats, beginning with expiration of last contract and ending when all is taken. In case it becomes necessary to deliver in tank cars, the price for such delivery to be 4.00c per gal.

(59) Contract dated April 3, 1916, Standard Oil Company of New York and Kings County Lighting Company for 2,500,000 gallons 28°-34° oil at 5.375c to be supplied on expiration of contract dated January 19th, 1914, and ending when full quantity is taken.

(60) Contract dated June 22nd, 1916, Standard Oil Company of New York and Queens Borough Gas and Electric Co. for 2,000,000 gallons 28°-34° oil at 4.85c (Barge), 5.12c (Rail) for period beginning on expiration of contract dated April 30th, 1914, and ending when full quantity is taken.

(61) Contract dated October 2nd, 1916, Standard Oil Company of New York and Richmond Gas Company for 520,000 gallons 10% more 28°-34° oil at 5.00c. To be supplied from November 1st, 1916, and ending when full quantity is taken.

(62) Contract dated October 3rd, 1916, Standard Oil Company of New York and New York Mutual Gas Light Company for 12,000,000 gallons not less than 28° gas oil at 5.00c to be supplied from January 1st, 1917, to December 31st, 1917.

(63) Contract dated November 1st, 1916, Standard Oil Company of New York and Brooklyn Union Gas Company for 67,000,000 gallons of not less than 28° oil at 5.00c to be supplied from January 1st, 1917, to December 31st, 1917.

(64) Contract dated November 13th, 1916, for 112,000,000 gallons not less than 28° Beaumé covering requirements of Consolidated and allied Gas Companies from January 1, 1917, to December 31, 1917, price 5.00c at 21st, 42nd, 99th and 115th Streets, Ravenswood, Astoria, Central Union; slightly higher at other stations.

(65) Contract dated December 5th, 1916 Standard Oil Company of New York and Brooklyn Borough Gas Company for 2,200,000 gallons 28°-34° gas oil at 5.2c (by water) and 5.325c (by rail) to be supplied on expiration of contract dated October 1st, 1915, and ending when full quantity is taken.

(66) Contract dated July 6th, 1917, Standard Oil Company of New York and Queens Borough Gas and Electric Company for 800,000 gallons 28°-34° oil at 6.75c (Barge) and 7.02c (Rail) to be supplied on expiration of contract dated June 22nd, 1916, and ending when full quantity is taken.

(67) Contract dated November 2nd, 1917, Kings County Lighting Company, January 1st, 1918, to December 31, 1918, for 5,500,000 gallons 28°-34° oil at 6.950c.

(68) Contract dated December 4th, 1917, for 122,000,000 gallons gas oil not less than 28° Beaume covering requirements of Consolidated and allied Gas Companies, January 1st, 1918, to December 31st, 1918, price 6.5515c at 21st Street Station, and slightly higher at other stations.

(69) Contract dated December 11th, 1917, Standard Oil Company of New York and Brooklyn Union Gas Company for 80,000,000 gallons at 6.5309c Williamsburgh Works, slightly higher at other works. Price advanced to 6.5721c on 6/27/18.

(70) Contract dated December 11th, 1917, Standard Oil Company of New York and New York Mutual Gas Light Company for 13,000,000 gallons not less than 28° gas oil at 6.56c. Price advanced to 6.58c on 6/15/18.

(71) Contract dated December 12th, 1917, Standard Oil Company of New York and Bronx Gas and Electric Company for 1,225,000 gallons 28°-34° oil at 6.97c, to be supplied from October 9, 1917, to December 31st, 1918, priced advanced as of June 15th, 1918, to 7.03c.

(72) Contract dated December 12th, 1917, Standard Oil Company of New York and Brooklyn Borough Gas Company for 2,200,000 gallons 28°-34° oil at 6.95c to be supplied on expiration of contract dated December 5th, 1916, and ending December 31st, 1918. This price advanced as of June 15th, 1918, to 7.01c.

(73) Contract dated November 26th, 1918, Standard Oil Company of New York and Bronx Gas and Electric Company for 700,000 gallons 28°-34° oil at 7.80c to be supplied November 26th, 1918, and ending when full quantity is taken. Price advanced as of February 8, 1919, to 7.84c.

(74) Contract dated November 27th, 1918, Standard Oil Company of New York and Brooklyn Borough Gas Company for 2,000,000 gallons 28°-34° gas oil at 7.75c to be supplied on expiration of contract dated December 12, 1917, and ending when full quantity is taken. Price advanced as of February 8th 1919, to 7.79c.

(75) Contract dated December 12th, 1918, Standard Oil Company of New York and Brooklyn Union Gas Company for 88,000 gallons not less than 28° at 7.55c Williamsburgh Works, slightly higher at other works, to be supplied from January 1st, 1919, to December 31st, 1919, price increased as of January 20th, 1919, to 7.58c at Williamsburgh Works and slightly higher at other works.

(76) Contract dated December 16th, 1918, Standard Oil Company of New York and Kings County Lighting Company, January 1st, 1919, to July 31st 1919, for 4125000 gallons at 7.49c, price increased as of February 8th, 1919, to 7.505c.

(77) Contract dated December 18th, 1918, Consolidated Gas Company for 122,000,000 gallons gas oil of not less than 28° Beaume, price 21st Street Station 7.5721c, slightly higher at other stations. Gas Co. had right to cancel June 30, 1918, price advanced on account of transportation Feb. 8, to 7.5824c.

(78) Contract dated December 18th, 1918, Standard Oil Company of New York and New York Mutual Gas Light Company for 15,000,000 gallons of not less than 28° at 7.5721c, price advanced as of February 8th, 1919, to 7.5821c, to be supplied January 1st, 1919, to December 31st, 1919.

(79) Contract dated December 19th, 1918, Queens Borough Gas & Electric Company and Gulf Refining Company for 2,000,000 gallons 10% more or less of 30° oil at 7.00c to be supplied January 1st, 1919, to December 31st, 1919.

(80) Contract dated March 26th, 1919, New York Mutual Gas Light Company and Standard Oil Company of New York for 10,000,000 gallons at 6.0821c to be supplied April 1st, 1919, to December 31st, 1919.

(81) Contract dated March 26th, 1919, Standard Oil Company of New York and Brooklyn Union Gas Company for 58,000,000 gallons at 6.08c Williamsburgh Works, slightly higher at other works, to be supplied April 1st, 1919, to December 31st, 1919.

(82) An agreement of March 28th, 1919, modifies the contract made December 18th, 1918, as follows (because cancellation clause): Quantity of Oil April 1st, 1919, to December 31st, 1919, 82,000,000 gallons and the price decreased 1½c per gallon, oil requirements Consolidated and Allied Gas Companies.

(83) Contract dated June 24th, 1919, Gulf Refining Company and New York and Richmond Gas Company for 520,000 gallons 10% more or less or solar gas oil at 5.75c.

(84) Contract dated December 18th, 1919, Standard Oil Company of New York and New York Mutual Gas Light Company for 7,500,000 gallons of 24°-32° oil at 7.0821c to be supplied from January 1st, 1920, to June 30th, 1920.

(85) Contract dated December 20th, 1919, Standard Oil Company of New York and Bronx Gas and Electric Company for 600,000 gallons 24°-32° oil at 7.55c to be supplied from January 1st, 1920, to June 30th, 1920.

(86) Contract dated December 22nd, 1919, Standard Oil Company of New and Brooklyn Union Gas Company for 44,000,000 gallons 24°-32° at 7.05c Williamsburgh Works for first 15,000,000 gallons, 7.425c for the next 7,000,000 gallons and 7.55c for remaining 22,000,000 gallons to be supplied from January 1st, 1920, to June 30th, 1920. Other works slightly higher price due to transportation charges.

(87) Contract dated October 17, 1916, 4,050,000 gallons minimum, 4,950,000 gallons maximum, 32°-34° paraffine gas oil, deliveries during 1917 in barge load lots of 100,000 gals. at 4¾c. Contract cancelled February 19th, 1918.

COMPLAINANT'S EXHIBIT 188 FOR IDENTIFICATION

Complainant's Exhibit 74 JAF.

C. A. Complainant's Exhibit 65 HS.

MEMORANDUM OF AGREEMENT

AGREEMENT made this fourth day of December, 1919 between the STANDARD OIL COMPANY (NEW JERSEY) party of the first part, and the CONSOLIDATED GAS COMPANY of NEW YORK, party of the second part, WITNESSETH:

IN CONSIDERATION of the mutuality hereof, it is agreed between the parties hereto, as follows:

1. Party of the first part hereby sells and agrees to deliver to party of the second part (on the terms and conditions hereinafter mentioned) 67,000,000 gallons of homogeneous gas oil of not less than 28 degrees gravity, Beaume, and of a quality equivalent for gas-making purposes to similar gravities received by the Gas Company during the year prior to the date of this contract, for consumption in the business of said party of the second part in its various plants in New York City, or the plants of such other Gas Companies as it may designate in the said City, or in Westchester County.

2. Party of the second part hereby purchases 67,000,000 gallons of said gas oil above specified and agrees to receive same within the contract period beginning January 1, 1920 and ending June 30, 1920.

Party of the first part hereby extends option to the party of the second part to be exercised by notice in writing to the party of the first part on or before May 31, 1920, to purchase, receive and pay for an additional amount of 67,000,000 gallons of gas oil of the same quality as that above specified and upon the same terms as to price and rate of monthly delivery as are provided with respect to said amount of 67,000,000 gallons specified for the first six months period aforesaid. Said additional quantity of 67,000,000 gallons shall be respectively delivered and received during the period from July 1, 1920, to December 31, 1920, in the event the said option is exercised.

3. The price shall be for delivery in the manner, at the points and at the rates, in cents per gallon, respectively stated in paragraph "4" hereof, and payment for all deliveries shall be made in net cash thirty (30) days after date of invoice, or on demand thereafter, with interest at six (6%) per cent.

In the case of tank-boats, delivery shall be at the mouth of the pipe-lines of the party of the second part and in the case of tank-cars, at said second party's railroad siding.

Where delivery is made by tank-boats, the party of the second part shall, at its own expense, furnish power for the operation of the boats' pumps.

Delivery shall be made in fairly equal monthly quantities as

the business of the party of the second part shall require, and as it, in writing, shall order; but not less than one tank-boat, or one tank-car load, shall be ordered at any one time, and total deliveries shall not exceed the quantity above specified.

4. (A) *FOR WATER TRANSPORTATION BY TANK-BOATS:*

(Barrels being 50 gallons each)

	per gall.
Consolidated Gas Co., E. 21st St. Branch—In lots of not less than 1,500 barrels	7.0824¢
Consolidated Gas Co., W. 42nd St. Branch—In lots of not less than 2,000 barrels	7.0927¢
Consolidated Gas Co., E. 99th St. Branch—In lots of not less than 2,000 barrels	7.1082¢
New Amsterdam Gas Co., Ravenswood, L. I.—In lots of not less than 4,000 barrels	7.0927¢
Standard Gaslight Co., E. 115th St.—In lots of not less than 2,000 barrels	7.1082¢
Astoria Light, Ht & Pwr Co., Flushing Bay—In lots of not less than 6,000 barrels	7.1082¢
Central Union Gas Co., E. 138th St.—In lots of not less than 3,000 barrels	7.1082¢
New York & Queens Gas Co., Flushing, L. I.—In lots of not less than 2,000 barrels	7.2833¢
Westchester Lighting Co., Pelham, N. Y.—In lots of not less than 2,000 barrels	7.4017¢
Westchester Lighting Co., Yonkers, N. Y.—In lots of not less than 1,500 barrels	7.3090¢
Westchester Lighting Co., Tarrytown, N. Y.—In lots of not less than 1,000 barrels	7.6386¢
Peekskill Ltg. & Ry. Co. Peekskill, N. Y. (during the open season of navigation)—In lots of not less than 1,000 barrels	7.6386¢
Northern Westchester Lighting Co., Ossining, N. Y. (during the open season of navigation)—In lots of not less than 1,430 barrels	7.6386¢

The prices above mentioned are based on the lighterage rates given below plus Government tax of three (3%) per cent. on transportation, and it is mutually agreed that if the lighterage rate or war tax is increased or decreased, the price will be correspondingly adjusted.

LIGHTERAGE RATES TO:	Bbls. (50 gals. each.) *Minimum*	*Rate* Cents
Consolidated Gas Co., E. 21st Street.....	1500	4
Consolidated Gas Co., West 42nd Street....	2,000	4½
Consolidated Gas Co., East 99th Street....	2,000	5¼
New Amsterdam Gas Co., Ravenswood, L. I.	4,000	4½
Standard Gas Light Co., East 115th Street..	2,000	5¼
Astoria Lt. Ht. & Power Co., Flushing Bay..	6,000	5¼
Central Union Gas Co., East 138th Street...	3,000	5¼
New York & Queens Gas Co., Flushing, L. I..	2,000	13¾
Westchester Lighting Co., Pelham, N. Y.....	2,000	19½
Westchester Lighting Co., Yonkers, N. Y....	1,500	15
Westchester Lighting Co., Tarrytown, N. Y.	1,000	31
Peekskill Ltg. & Ry. Co., Peekskill, N. Y.....	1,000	31
Northern Westchester Ltg. Co. Ossining, N Y.	1,430	31

(all the above subject to ice conditions.)

(B) *FOR RAIL TRANSPORTATION BY TANK-CARS*

	Per Gal.
Peekskill Ltg. & Ry. Co., Peekskill, N. Y.....	8.0197¢
Northern Westchester Ltg. Co., Ossining, N. Y....	8.0197¢
Westchester Ltg. Co., White Plains, N. Y.....	8.3936¢
Westchester Ltg. Co., Rye, N. Y.....	8.2916¢

The prices above mentioned are based on the present freight rates from Bayonne, established by existing tariffs, plus Government tax of three (3%) per cent, on transportation, and it is mutually agreed that if the freight or war tax is increased or decreased, the price will be correspondingly adjusted.

5. If the party of the second part finds that it will be unable to take the said 67,000,000 gallons hereby purchased during the contract period of six months terminating June 30 1920, or in the event of the aforesaid option is exercised by the party of the second part and said party of the second part finds that it will be unable to take the said additional quantity of 67,000,000 gallons during the six months period terminating December 31, 1920, then, in either of said events, said party of the second part shall so notify the party of the first part in writing respectively as to either of said contract quantities, if possible two months prior to the termination of the respective six months periods but not later than thirty days prior to the termination of the respective six months periods, or if no such notice is given, the party of the first part shall then have the option, to be communicated in writing to the party of the second part on or before the tenth day of the last month in the respective six months periods, of cancelling the portion which may remain undelivered at the expiration of the contract period, or of continuing delivery until the entire contract quantity shall have been delivered. In the latter event the party of the second part shall place orders and the party of

the first part shall make deliveries in like manner as hereinbefore provided with respect to the first six months period, and the second six months period if said option be exercised.

6. The quantities from time to time delivered hereunder shall be measured and invoices rendered and payments made on the basis of the number of gallons certified to have been loaded by a properly authorized New York Produce Exchange Inspector.

7. If, during the life of this Agreement, any internal or war-revenue tax shall be levied by the Federal or any State Government upon the goods covered hereby, or in respect of the production, manufacture, or sale thereof, or, in the case of a delivered price basis, upon the transportation thereof, including freight charges thereon, it is agreed that the amount of such tax shall be added to the purchase price above specified and shall be borne by the party of the second part.

8. All orders shall be filled with reasonable promptness by the party of the first part, but said party of the first part shall not be held responsible for losses resulting, directly or indirectly, from delay, or from failure to deliver caused by fire, strikes, differences with workmen, riots, insurrections, war, blockade, interference of civil or military authority, compliance with orders of the President of the United States, or other governmental agency, interruption in transportation, whether by rail or water, of the product above described, or of the crude petroleum from which the same is to be obtained, or from other causes beyond its control.

9. The party of the second part agrees that tank-cars will be unloaded within forty-eight (48) hours (Sundays and holidays excepted) at initial destination, and that for detention of cars beyond said forty-eight (48) hours it will pay to the party of the first part a per diem charge of One Dollar and Seventy-five ($1.75) per car.

IN WITNESS WHEREOF the parties hereto have caused these presents to be duly executed the day and year first written above.

STANDARD OIL COMPANY (New Jersey)

By F. D. ASCHE
Vice President

ATTEST:
C. T. WHITE,
Secretary

CONSOLIDATED GAS COMPANY OF N. Y.

By W. R. ADDICKS

ATTEST:
F. BARNITZ
Asst. Secretary

The prices per gallon, indicated in the attached memorandum of agreement, have been checked and verification made that such prices are in accordance with current lighterage and freight rates, plus the basic rate of seven cents per gallon.

J. H. N. ARMSTRONG
Comptroller.

December 17, 1919.

COMPLAINANT'S EXHIBIT 489
War Department
New York District—Ordnance Office
Production Division
1107 Broadway

JSS/fg
New York, April 12, 1918

In Replying Refer to: Toluol Unit
From: J. S. STRING, Capt. Ord. R.C.
To: Consolidated Gas Company, New York, N. Y.
Attention: Mr. W. R. Addicks, Vice-Pres.
Subject: Operation of Light Oil Recovery Plant—21st Street.

1. I am directed by the Acting Chief of Ordnance to advise you that, since our talk this morning I have been in communication with Washington, and have received their authorization to specify the operating conditions at the New York light oil recovery plants.

2. Instructions issued to me were to the effect that at the start we would endeavor to maintain a standard of 20 candle power for a few days, which, if operating conditions will permit, can be gradually reduced to about 17 c.p. at the outlet of the scrubbers.

3. I have also received necessary instructions to take up with you any change in the amount of gas oil which may be necessary, due to unforeseen conditions, and would request that you inform me of any change which will require a divergence from the operating contract, so that I may issue the necessary instructions.

4. We are forwarding a copy of this letter to H. Koppers Company for their information, and we request that you discuss the carrying out of these details with them.

MYRON S. FALK
Major, Ord. R.C.

J. S. STRING
By J. S. STRING
Capt. Ord. R.C.

COMPLAINANT'S EXHIBIT 490
War Department
New York District—Ordnance Office
Production Division
1107 Broadway

avf/1
New York May 21, 1918.

In Replying Refer to: Toluol Unit.
From: CHAS. A. LUNN, 1st Lieut., Ord. R.C.
To: N. Y. Consolidated Gas Co., 130 E. 15th St., New York City.

Att. Geo. E. Woods.
Subject: All Light Oil Plants—Measures to Prevent By-Passing of Rich Gas Around Scrubbers.

1. In order to maintain toluol production at the Light Oil Plants now in operation, at a maximum, we would recommend that the following steps be taken to reduce to a maximum by-passing of rich gas around the scrubbers:

2. When the candle power at the outlet of the holder is reduced to below 15, that additional enrichment with Benzol be resorted to immediately and that candle power readings be taken each fifteen minutes until the candle power is again above 15. Further that the by-pass valve shall not be opened unless candle power remains below 15 for one hour and does not show improvement as a result of the additional enrichment.

By order of Col. Tripp.
MYRON S. FALK
Major, Ord. R.C.
CHAS. A. LUNN
1st Lieut., Ord. R.C.

Mr. W. P. A., R.P.
Kindly advise if there is any objection to issuing this order.
Gen.

COMPLAINANT'S EXHIBIT 491
War Department
New York District—Ordnance Office
Production Division
1107 Broadway
New York June 5, 1918

In Replying Refer to: Toluol Unit.
From: CHAS. A. LUNN, 1st Lieut., Ord. R.C.
To: Consolidated Gas Company, 130 E. 15th St., New York City.

Mr. W. R. Addicks.
Subject: Measures to Prevent By-Passing of Rich Gas Around Scrubbers.

1. In reply to your letter of May 25th with reference to my letter of May 21st on the above subject, and confirming 'phone conversation of yesterday morning, I would request that the

measures outlined to prevent by-passing of rich gas around scrubbers be placed in effect at the 21st St. Works at once, and we will determine the result of this practice at this plant before applying these measures to other plants.

By order of Col. Tripp.

MYRON S. FALK
Major, Ord. R.C.

CHAS. A. LUNN
1st Lieut., Ord. R.C.

COMPLAINANT'S EXHIBIT 492

To Insure Prompt Attention
In Replying Refer to
Toluol Unit No.—

Ordnance Department
Office of Ordnance District Chief
1107 Broadway, New York, N. Y.

Production Division

Attention of ————————

August 31, 1918

From: CHAS. A. LUNN, 1st Lieut., Ord. Dept., U. S. A.
To: Consolidated Gas Company of New York, 130 East 15th St. New York City.
Attention Mr. W. R. Addicks.

Subject: Light Oil Recovery Plants—Maintenance of Candle Power.

1. You are aware that at the Astoria and Ravenswood Plants the Recovery of Light Oil has been very considerably reduced on account of inability to maintain an average candle power at outlet of works holder of 16 C.P.

2. You are authorized and directed to take the following steps immediately to remedy this situation:

(a) The Candle Power at outlet of works holder is to show a daily average of not less than 14 and preferably not more than 16.

(b) Plants which are now able to maintain candle power at 16 or above will immediately cut down the use of Benzol until they are within the above limits. By so doing it is hoped that they can accumulate some benzol for transfer to other plants where it is needed.

(c) Plants should be notified that by-passing of rich gas is to be resorted to only as a last measure to maintain the average daily minimum candle power. The degree of scrubbing should be controlled rather by the quantity of wash oil circulated per M. cubic feet of gas.

(d) Such plants as find it impossible to maintain Light Oil Recovery of 1½% of gas oil used, because of inability to maintain candle power at above minimum, are to make a special cut on Solvent Naphtha delivering at

vent naphtha distilling below 160°C. to their enricher tank for return to the gas.

3. The above order is to apply to the operation of the Astoria, Ravenswood, Central Union, Standard, 21st Street and Mutual Plants.

Consolidated Gas Company of New York, August 31, 1918

—2—

4. These steps are made necessary by the urgency of the requirements for additional Toluol production during September and October.

5. You are requested to acknowledge receipt of the above by our messenger.

C. C. SMITH,
Major, Ord. Dept., U. S. A.
Production Manager.
CHAS. A. LUNN
By CHAS. A. LUNN
1st Lieut., Ord. Dept., U. S. A.

COMPLAINANT'S EXHIBIT 493

Central Control
Legal Section
Credits Section
Raw Materials Section
Packing Container Section
Explosives Section
Loading Section
Artillery Section
Small Arms Section
Equipment Section
Motor Equipment Section
Projectile Section
Fuze Section
Trench Warfare Section
Miscellaneous Section

MRM/cc

War Department
Procurement Division
Office of the Chief of Ordnance
Sixth and B Streets NW.
Washington

April 8, 1918.

All communications for the Procurement Division should be addressed to the Section interested

In replying refer to No.
Sym. PV
File
P471, 8504

1292

Rec'd 10:30 A. M.
4/10/18

Mr. W. R. ADDICKS,
Vice Pres., Consolidated Gas Co.,
East 15th Street,
New York City.

Dear Sir:

Subject: Operation of Toluol Plant at 21st Street Station.

1. I am directed by the Acting Chief of Ordnance to acknowledge your letter of April 5th, in which you state that you are willing to comply with any order which may be made requiring you to turn the gas manufactured at your 21st Street works through the toluol plant erected by the United States Government, which is about ready for operation.

2. Accordingly, I hereby direct you to begin operation of the toluol plant belonging to the United States Government and located at your 21st Street works as soon as the construction company has completed the operation provided for in Article VI of the construction contract; that you recover from all of the gas manufactured at your 21st Street works as large a percentage of the toluol contained in the gas as is practicable; and that the gas delivered to the toluol plant be of as good quality as that manufactured in the corresponding period in 1917, and in any event such as to comply with the legal standard if said toluol plant were not operated.

3. If any further instructions are desired, please advise immediately.

Respectfully,

C. W. WATSON

(C. W. WATSON)

Lieut. Col., Ord. N.A.

It will be appreciated if a carbon copy of each of your letters for this is enclosed with the original.

COMPLAINANT'S EXHIBIT 191.

Mayer's corrections of Edgerton's plant valuation in the suit.

CONSOLIDATED GAS COMPANY.

	Edgerton's Estimate Dept.	Edgerton's Values, New	Omissions	Edgerton's Net Value Including Omissions from Mayer's Sched.
14th Street Plant	$1,405,966.00	$1,558,736.00	$13,279.00	$1,572,015.00
42d Street Plant	1,008,801.25	1,169,297.00	11,216.00	1,180,513.00
44th Street Plant	1,110,878.00	1,201,968.00	14,569.00	1,216,537.00
21st Street Plant	2,176,492.00	2,408,233.00	1,610.00	2,409,843.00
99th Street Plant	544,708.00	590,366.00	30,491.00	620,857.00
19th Street Plant	234,886.00	284,200.00	10,396.00	294,596.00
634 Street Plant	623,749.00	633,228.00	.....	633,228.00
65th Street Plant	892,171.00	927,323.00	.....	927,323.00
111th Street Plant	993,806.00	1,003,623.00	20,000.00	1,023,623.00
132d Street Plant	457,524.00	475,779.00	.....	475,779.00
Inwood	11,772.00	13,901.00	.....	13,901.00
	$9,367,344.25	$10,296,704.00	$121,544.00	$10,388,248.00
Add to above values for engineering superintendence and inspection, 3 per cent	281,020.00	308,901.12	3646.32	311,647.44

Add for interest on money necessary to be used for construction, 4 per cent.....	374,093.00	410,668.16	4,861.76	415,529.92
	$10,023,057.25	$10,985,373.28	$130,052.08	$11,115,425.36
To Edgerton's Cost New, as above computed.....				10,388,248.00
Add as per Mayer's Schedule, General Engineering, 10 per cent.....				1,038,824.00
				$11,427,072.00
Ad as per Mayer's Schedule, Interest, 5 per cent.....				571,353.00
				$11,998,425.00

Complainant's Exhibit 195.

Detailed Estimate of Governor & Boiler House at 132nd St. Holmes Plant

Dimensions of Building Inside 100 ft. 0 in. x 46 ft. 0 in. x 29 ft. 0 in.
Total Cubical Contents 133,800 cu. ft.

Main Building Not Including Foundations.	Mayer's Valuation	Edgerton's Valuation
Painting and Glass	$150.00	$325.00
Hardware	200.00	
Carpenter	735.00	
Plumbing and Gas Fitting	795.00	
Fire Stone & Setting 110 cubic feet at $3.50 per cubic foot	385.00	130.00
Plaster, 381 square yards at 60c. per sq. yd.	234.00	
TERRA COTTA COPING:		
Material	430.50	
Labor of setting Terra Cotta	184.50	
Asphalt for damp proofing at 4c. per sq. ft.	53.00	
Granolithic Cement Floor	223.00	520.00
Vitrified Brick Floor at $31.00 per 1,000	335.00	40.00
Cement wash for walls	25.00	
Buff-nose Brick, at $70.00 per 1,000 laid	50.00	
Enamel Brick, 2,905 at $110.00 per 1,000 laid	325.00	100.00
Hard Brick, 200,000 at $25.00 per 1,000 laid	5,225.00	4,760.00
Total	$9,350.00	$5,875.00
Profit 10%	935.00	
Total Cost of Building, less foundations	$10,285.00	

Foundations:	Mayer's Valuation.	Edgerton's Valuation.
Excavation 1,332 cu. yds. at $1.25 per cu. yd.	$1,600.00	$1,320.00
168 cubic yards of Concrete at $7.00 per cu. yd.	2,428.00	480.00
Cutting holes and cleaning	206.00	
Bricks 667,000 at $25.00 per 1,000	1,675.00	
Total cost	$6,059.00	$1,850.00
Profit 10%	606.00	
Total cost of foundations	$6,665.00	

Roof Work:	Mayer's	Edgerton's
Roof frame, purlins, etc., 52,546 lbs. at 5½c. per lb.	$2,891.02	$6,360.00
Window Sash as per detailed estimate	630.00	420.00
Steel Floor, 36,293 lbs. at 5.8c per lb.	2,104.99	Included in above $6,480.00
Platform and Stairs, 12,334 lbs. at 6c. per lb.	740.04	165.00
Terra Cotta Roof Covering as per detailed estimate	1,170.00	500.00

Slating and Flashing as per detailed estimate	2,250.00		590.00
Total for Iron Work, which includes 10% for operating expenses and 15% for profit	$9,786.05		$8,165.00
Miscellaneous Items:	Mayer's Valuation.		Edgerton's Valuation.
Fire proof Concrete Arches	Contained in	Concrete	$2,500.00
Tiling Coping	"	in Enamel Brick	10.00
Fire proof doors	"	" Iron Work	40.00
Flashing and Gutters	"	" Roof Frame	200.00
Machinery foundations	"	" Foundations	700.00
Total			$3,450.00
Recapitulation:	Mayer's Valuation.		Edgerton's Valuation.
Building	$10,285.00		$5,875.00
Foundations	6,665.00		1,850.00
Iron Work	9,786.00		8,125.00
Miscellaneous Items	"		3,450.00
Total	$26,736.00		$19,300.00
Profit	Included in above		1,860.00
Total Cost	$26,736.00		$21,160.00
Cost given in Schedule	26,736.00		30,000.00
Total Contents of Building 133,800 cu. ft.	20,071.00		$19,310.00
Cost per cu. ft. Contents not including foundation	.15		14.4

COMPLAINANT'S EXHIBIT 496.

CONSOLIDATED GAS COMPANY OF NEW YORK

Summary of the cost of the Company's Property claimed to be used in the Gas Business, as of December 31, 1918, exclusive of expenditures made, but not charged to fixed capital, for interest during construction, engineering and superintendence, and other overheads, and of "going value."

Real Estate—as per Schedule A	12,889,027.28	
Less that not claimed to be used in gas business—as per Schedule E	2,241,964.34	10,647,062.94
Manufacturing Plants and Holder Stations—as per Schedule B	14,581,035.91	
Less that not claimed to be used in gas business as per Schedule F	1,461,281.15	13,119,754.76
Street Mains—as per Schedule C	.....	11,027,266.24
Services—as per Schedule C	.....	1,272,241.74
Meters—as per Schedule D	3,719,442.12	
Cocks and Connections—as per Schedule D	359,322.12	
Furniture and Fixtures—as per Schedule D	532,437.54	
Horses, Wagons and Harness—as per Schedule D	5,747.80	
Tools and Implements—as per Schedule D	149,335.26	
Scales—as per Schedule D	15,821.20	
Gas Appliances Rented—as per Schedule D	1,711,935.46	
Automobiles and Accessories—as per Schedule D	137,412.82	6,631,454.32
Total		42,697,780.99
Less that portion of jointly used property used by other (*$2,002,734.79* for facilities comprised within report of George F. Woods, dated Aug. 17, 1916, plus 64.74% of book cost of General Office Building and site)		4,022,386.01
		38,675,393.98
Franchises and Rights—(212 U. S. 19)		7,781,000.00
Working Capital		4,625,000.00
Total		51,081,393.98

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...mary of the cost of the property claimed to be used in the gas business together with Working ... Interest During Construction, Engineering and Superintendence, and other "Overheads", ... annum, for 1907-1910, and 8% for January 1st, 1917, to August 31st, 1919.

	Real Estate and Improvements other than Plant 1	Mfg. Plant and Equipment 2	Street Mains 3	Services 4	Meters & Miscellaneous property 5	Working Capital 6
.....	9,041,237.73	15,419,277.53	7,494,756.19	1,237,389.54	3,967,023.72	3,693,620.00
.....	8,702,879.52	15,199,103.05	7,782,339.35	1,291,160.26	4,190,920.39	3,771,235.00
.....	8,723,610.67	15,044,332.84	7,793,637.16	1,275,733.41	4,262,842.80	3,848,850.00
.....	8,811,249.26	15,039,507.72	8,019,445.98	1,271,325.85	4,509,381.83	3,926,465.00
.....	8,607,334.29	15,237,684.47	9,119,442.40	1,267,314.48	4,793,776.18	4,004,080.00
.....	8,980,817.52	15,725,870.56	9,665,668.98	1,259,192.84	5,057,109.42	4,081,695.00
.....	9,318,196.48	16,091,776.33	10,625,600.09	1,258,917.63	5,203,728.59	4,159,310.00
.....	11,393,128.58	16,204,496.60	10,814,345.70	1,250,758.76	5,301,680.90	4,236,925.00
.....	10,965,791.92	14,161,446.55	10,842,117.34	1,218,972.89	5,344,272.63	4,314,540.00
.....	10,307,239.90	14,000,103.55	10,917,682.69	1,219,545.24	5,469,089.87	4,392,155.00
.....	10,402,265.79	13,473,174.01	10,960,813.21	1,221,240.73	5,981,541.98	4,469,770.00
.....	10,602,786.93	13,456,061.33	10,986,091.88	1,234,731.83	6,342,347.63	4,547,385.00
.....	10,647,302.94	13,119,754.76	11,027,366.24	1,272,241.74	6,631,454.32	4,625,000.00
31, 1919..	.....	.....	.....	.....	.....	.....

* The figure given for 191
** Balance of December 31,
***8 months at the rate of

...ed ink on original.

COMPLAINANT'S EXHIBIT 197.

CONSOLIDATED GAS COMPANY OF NEW YORK

JAN. 1, 1907, TO AUG. 31, 1919, INCLUSIVE.

...rking Capital and the Value of Franchises and Rights (212 U. S. 819) but exclusive of expenditures made, but not charged to Fixed Capital for ...ds", and of "Going Value"; also showing a comparison between the actual earnings upon such cost, and earnings thereon at the rate of 6% per

...rking Capital	Franchises and Rights	Total	Deduct portion used by others: Jointly used facilities	Deduct portion used by others: G. O. Bldg. cost in excess of $1,000,000	Net	Average as of June 30th	Actual Income	6% of Column 12	Deficiency		
6	7	8	9	10	11	12	13	14	15		
...620.00	7,781,000.00	48,634,254.71	43,766.95	.....	48,590,487.76	.....	.....	.....	.....		1906
...235.00	7,781,000.00	48,718,637.57	165,472.00	.....	48,553,165.57	48,571,826.67	2,855,610.10	2,914,309.60	.....		1907
$...850.00	7,781,000.00	48,730,000.88	196,330.66	.....	48,533,686.22	48,543,425.90	2,363,803.13	2,912,605.55	.....		1908
...465.00	7,781,000.00	49,358,375.62	301,890.70	.....	49,056,484.92	48,795,085.57	3,331,758.07	2,927,705.13	.....		1909
...880.00	7,781,000.00	50,810,631.82	301,890.70	.....	50,508,741.12	49,782,613.02	3,449,513.52	2,986,956.78	.....		1910
...605.00	7,781,000.00	52,551,354.32	339,343.70	.....	52,212,010.62	51,360,375.82	3,559,017.88	3,081,622.55	.....		1911
...310.00	7,781,000.00	54,438,529.09	1,153,268.51	.....	53,285,260.58	52,748,635.60	2,925,457.17	3,164,918.14	.....		1912
...925.00	7,781,000.00	56,987,335.63	1,966,733.85	1,866,998.99	53,154,602.79	53,219,931.69	2,410,154.40	3,193,195.90	.....		1913
...546.00	7,781,000.00	54,625,141.33	1,866,733.85	2,666,760.00	50,093,767.48	51,624,185.14	1,323,609.17	3,097,451.11	.....		1914
...135.00	7,781,000.00	54,381,425.25	1,966,734.06	1,940,358.89	50,434,332.31	50,264,049.90	2,501,165.49	3,015,842.99	.....		1915
...270.00	7,781,000.00	54,299,805.72	2,002,734.29	2,020,698.21	50,276,372.72	50,355,352.52	2,552,947.00	3,021,321.15	.....		1916
						505,265,481.83	27,273,035.93	30,315,928.90	3,042,892.97		
...363.00	7,781,000.00	54,950,404.60	2,002,734.29	2,012,677.32	50,934,992.49	50,605,682.81	1,359,027.18	4,048,454.63*	.....		1917
...000.00	7,781,000.00	55,163,780.00	2,002,734.29	2,079,651.22	51,081,393.99	51,008,193.24	†(199,633.13)	4,080,655.46*	.....		1918
.....	.....	.....	.....	.....		**51,081,393.99	†(1,171,928.33)	2,724,341.01***	.....	8 mos.	1919
.....	.....	.....	.....	.....		152,695,270.04	†(11,534.28)	10,853,451.10	10,864,985.38		
						657,960,751.87	27,261,501.65	41,169,380.00	13,907,878.35		

...ince 1907, 1918 and 1919 is on an 8% basis rather than 6%.
...ober 31, 1918.
...Rate of 8% per annum.

CONSOLIDATED GAS COMPANY OF NEW YORK

Statement showing comparison between the actual earnings and earnings computed at 6% for 1907-1916 and at 8% January 1, 1917 to August 31, 1919 on the Company's property claimed to be used in the gas business (1) based upon the appraisals of Mayer, Simpson and Preiss and the Schedules of Additions and Retirements and Working Capital in evidence and Franchise Value and, (2) based upon the cost to the Company of such property.

	Based upon appraisals of Mayer, Simpson and Preiss and Schedules of additions and withdrawals and Working Capital in evidence.				Based upon Original Cost			
	Average Investment as of June 30th 1	Actual Income 2	6% of Column No. 1 3	Deficiency 4	Average Investment as of June 30th 5	Actual Income 6	6% of Column No. 5 7	Deficiency 8
1907	58,369,481.17	2,855,610.10	3,502,168.87	.....	48,571,826.67	2,855,610.10	2,914,209.60	.....
1908	58,564,820.29	2,363,803.13	3,513,889.22	.....	48,543,425.90	2,363,803.13	2,912,605.55	.....
1909	58,957,188.91	3,331,758.07	3,537,431.33	.....	48,795,085.57	3,331,758.07	2,927,705.13	.....
1910	60,076,317.98	3,449,513.52	3,604,579.08	.....	49,782,613.02	3,449,513.52	2,986,956.78	.....
1911	61,746,076.07	3,559,017.88	3,704,764.56	.....	51,360,375.82	3,559,017.88	3,081,622.55	.....
1912	63,020,273.63	2,925,457.17	3,781,316.42	.....	52,748,635.60	2,925,457.17	3,164,918.14	.....
1913	63,406,148.95	2,410,154.40	3,804,368.94	.....	53,219,931.69	2,410,154.40	3,193,195.90	.....
1914	61,929,964.66	1,323,609.17	3,715,797.88	.....	51,624,185.14	1,323,609.17	3,097,451.11	.....
1915	60,643,206.65	2,501,165.49	3,638,592.40	.....	50,264,049.90	2,501,165.49	3,015,842.99	.....
1916	60,674,156.88	2,552,947.00	3,640,449.41	.....	50,355,352.52	2,552,947.00	3,021,321.15	.....
1907-1916	607,387,635.19	27,273,035.93	36,443,258.11	9,170,222.18	505,265,481.83	27,273,035.93	30,315,928.90	3,042,892.97
1917	60,895,619.89	1,359,027.18	4,871,649.59*	.....	50,605,682.81	1,359,027.18	4,048,454.63*	.....
1918	60,883,882.18	†198,633.13	4,870,710.57*	.....	51,908,193.24	†198,633.13	4,080,655.46*	.....
8 mos. 1919	60,554,333.44**	†1,171,928.33	3,229,564.45***	.....	51,081,393.99	†1,171,928.33	2,724,341.01***	.....
1917-1919	182,333,835.51	†11,534.28	12,971,924.61	12,983,458.89	152,695,270.04	†11,534.28	10,853,451.10	10,864,985.38
Total—1907-1919	789,721,470.70	27,261,501.65	49,415,182.72	22,153,681.07	657,960,751.87	27,261,501.65	41,169,380.00	13,907,878.35

* The figure given for 1917, 1918 and 1919 is on an 8% basis rather than 6%.

** In the years 1918 and 1919 the assessed Valuations of land have been substituted for Preiss' Values. The figure shown for 8 months 1919 is the balance of December 31, 1918.

*** 8 months at the rate of 8% per annum.

† In red ink on original.

COMPLAINANT'S EXHIBIT 499

Excerpt from the minutes of the meeting of the Executive Committee of the Board of Trustees of the Consolidated Gas Company of New York at a meeting held on June 24, 1919.

The President stated that in accordance with the Executive Committee's resolution adopted September 4, 1916, relating to the use of jointly used property and the apportionment of the cost thereof as computed by Mr. George E. Woods, Assistant Chief Engineer, in a report dated August 17, 1916, which was concurred in by a Committee consisting of Messrs. W. R. Addicks, Vice-President and C. G. M. Thomas, Treasurer, on behalf of the Consolidated Gas Company of New York; W. H. Bradley, President, on behalf of The Astoria Light, Heat & Power Co.; George W. Doane, President, on behalf of the New Amsterdam, East River of Long Island City and the Central and Northern Union Gas Companies; W. G. Hoyt, President on behalf of the Standard Gas Light Company; and further that in accordance with the plan then adopted that charges "should be readjusted from time to time in accordance with changes in the relative demands by the various Companies on the plants in Long Island" and having in view the resolution of the Executive Committee respecting payments by the Consolidated Gas Company of New York for the use of the manufacturing facilities of the New York Mutual Gas Light Co., dated December 17, 1918, that he had requested the same Committee hereinbefore mentioned to consider further recommendations submitted by Mr. Woods in a supplementary report dated May 1, 1919 and had asked Mr. George W. Parkhurst, Vice-President, to sit with the Committee on behalf of the New York Mutual Gas Light Company.

The President then stated that the representatives of the several Companies after a careful consideration of Mr. Woods' supplementary report approve the recommendations made by him respecting the following payments to be made by the several Companies for the use and enjoyment during 1919 of such manufacturing and distribution facilities not owned by them, to wit:

Consolidated Gas Co. of New York should pay New York Mutual Gas Light Co., generating capacity value $2,198,377.35		$219,837.74
Standard Gas Light Co. should pay to New York Mutual Gas Light Co., manufacturing plant value $501,763.26		50,176.33
Central Gas Co., should pay to Consolidated Gas Co., Kingsbridge Holder, mains and distributing mains, on value $1,517,716.94	$167,316.03	

To New Amsterdam Gas Co., Acc. Mains, Tunnels and manufacturing capacity, value 3,729,941.67.....	397,748.39	
To Standard Gas Light Co., Harlem River Main, 36,435.51	4,372.26	
To N. Y. Mutual Gas Light Co., Manufacturing capacity value 122,200.65	12,220.06	581,656.74
Astoria Light, Heat & P. Co., should pay to New Amsterdam Gas Co. for Tunnels and transfer Mains in L. I. C. on value 3,862,384.92.....	463,486.19	
To Standard Gas Light Co., for Harlem River Main on value 113,700.18	13,644.02	447,130.21
New Amsterdam Gas Co., should pay To Consolidated Gas Co., Transfer Mains value 213,869.83.....	25,664.38	
To Standard Gas Light Co., Harlem River Main value 47,775.85.....	5,733.10	$31,397.48

The net results of the above payments by the several Companies are as follows:

Consolidated Gas Co., net payment of.....	$26,857.33
N. Y. Mutual Gas Light Co. net receipts.....	282,234.13
Std. Gas Light Co., net payment of.....	26,426.95
Central Union Gas Co., net payments.....	581,656.74
Ast. Light, Ht. & P. Co., net payments of.....	477,130.21
New Amsterdam Gas Co., net receipts.....	829,837.10

The President then recommended that payments to be made by the Consolidated Gas Co., be authorized and that the payments to be made by the other Companies as set forth be approved by the Executive Committee;

After discussion, upon motion, duly seconded, it was

Resolved, That the officers of the Consolidated Gas Co., are authorized to pay for the use and enjoyment of facilities not owned by this Company for the calendar year 1919 to the Mutual Gas Light Co. $219,837.74 and further

Resolved, That the officers of the Consolidated Gas Co., are authorized to bill and receive from other companies for the use and enjoyment of facilities owned by this Company for the calendar year 1919, to wit:

Central Union Gas Co.....	167,316.03
New Amsterdam Gas Co.....	25,664.38

and further

Resolved, That the Executive Committee approve of the intercompany payments hereinbefore set forth for the use and enjoyment of manufacturing and distribution facilities as herein set forth, in so far as such payments or any of them may affect this Company.

I hereby certify the foregoing to be a true and correct excerpt from the minutes of the aforesaid meeting.

R. A. CARTER,
Secretary.

COMPLAINANT'S EXHIBIT 500.

Annual charges paid by the Consolidated Gas Co., for the use of Properties of other Companies used in the manufacture and distribution of gas sold to the consumers of the Consolidated Gas Company, in effect as of October, 1919, and the Cost thereof per M. cubic feet of gas sold by the Consolidated Gas Company during the twelve months ended October 31, 1919:

	Interest on Investment			Taxes	Repairs, Renewals, &c.	Total
	Investment	Rate at present paid	Amount paid as interest	Amount	Amount	Amount
Astoria L. H. & P. Co	$17,000,000.00	7%	$1,190,000.00	$591,680.89	$55,423.90	$1,837,104.79
N. Y. Mutual Co. Manufacturing Plant	2,198,377.35	6%	131,902.64	78,007.80	9,927.30	219,837.74
Standard Gas Lt. Co. 48" H. R. Main	113,700.18	6%	6,822.01	2,506.01	4,316.00	13,644.02
East River Gas Co. of L. I. C.						
Astoria Tunnel	2,975,114.08	6%	178,506.85	70,676.48	107,830.36	357,013.69
Ravenswood Tunnel	402,150.00	6%	24,129.00	8,320.36	15,808.64	48,258.00
48" and 60" Mains in Queens, L. I. C	485,120.85	6%	29,107.25	10,265.68	18,841.57	58,214.50
Total	$23,174,462.46	...	$1,560,467.75	$761,457.22	$212,147.77	$2,534,072.74
Cost per M.c.f. sold by Consolidated Company			8.52	4.15	1.16	13.83c

Cubic Feet of gas sold by Consolidated Gas Company during the twelve months ended October 31, 1919—18,321,589,800 cubic feet.

COMPLAINANT'S EXHIBIT 501.

For identification; [redacted]

Statement of present cost, per M. cubic feet of gas sold, as of October, 1919, of gas sold by the Consolidated Gas Company of New York (compiled from testimony and exhibits.)

Production Expense:

			Per M. c.f. Sold
Coal gas cost (net)			57.03¢
Water gas cost (net)			50.61¢
Average station cost (on ratio of 22 per cent. coal gas and 78 per cent. water gas)			52.03¢
Distributing and General Expense			
Repairs to Mains, Services, Meters and Miscellaneous Repairs		4.00¢	
Work on Consumers' Premises (setting appliances, burner work and jobbing sundries)		2.90¢	
Meter and Installation Work (gas meter and installation work)		1.25¢	
Distribution Superintendence, Street Departments and Shops		2.00¢	
Commercial Expenses		6.06¢	
General and Miscellaneous Expense of Consolidated Co. (excluding Defensive Emergency Service)	7.00¢		
Excluding expenses of present rate case	.54		
Forward	6.46¢	16.21¢	52.03¢
Forward	6.46¢	16.21¢	52.03¢
Add General and Miscellaneous Expense of the Astoria Company in making gas for Consolidated Gas Company (excluding Defensive Emergency Service)	0.63¢	7.09¢	
Total Distributing and General and Miscellaneous Expense			23.30¢
Renewals and Replacements of property used in service of consumers of Consolidated Gas Co.			3.59¢
Taxes paid directly by Consolidated Gas Company		6.75¢	
Taxes paid by Consolidated Gas Company as part of payment for use of others' properties used in making and distributing gas for Consolidated Gas Company		4.15¢	10.90¢
Interest paid to other Companies on Investment in property used in the manufacture and transmission of gas for the Consolidated Gas Company		8.52¢	
Percentage paid on holder cost of gas delivered under Agency Agreements		40¢	8.92¢
Total cost of gas sold by the Consolidated Gas Company, exclusive of return on investment of Consolidated Gas Company, but including return on others' properties used in service of Consolidated Gas Company's consumers			98.65¢

Resume

	M. cubic feet sold Present Cost per
Cost of production (incl. gas storage)	52.03¢
Cost of Distribution and Other Expenses above	23.30¢
Renewals and Replacements	3.50¢
Taxes, as above	10.90¢
	89.73¢
Miscellaneous Operating Revenue	7.28¢
Cost less Miscellaneous Operating Revenue	82.45¢
Interest paid to other Companies on Investment in property used in the manufacture and transmission of gas for the Consolidated Gas Company	8.92¢
Net cost of gas to the Consolidated Gas Co. (including interest on others' properties after deducting Miscellaneous Operating Revenues)	91.37¢
Income from sales of gas	79.90¢
Excess of cost, as above, over income	11.47¢

If taxes shown by books for Real Estate of Corporations (including interest thereon) be excluded, the deduction would be 1.14¢ per M. cubic feet sold.

If the conclusion be reached that the rate of return on investment should now be 8 per cent., the other companies whose properties are partly used in the service of Consolidated Gas Company's consumers will be entitled to a revision accordingly of the payment to be made to them therefor, and this will increase the item of interest paid by the Consolidated Company to other Companies by $293,489.25, or 1.60¢ per M. cu ft. sold by the Consolidated Company.

Upon the completion of the new $4,500,000 plant, now being built at Astoria to provide necessary reserve capacity upon present sales, the interest, taxes and insurance paid to the Astoria Company (above holder cost of gas) will be increased at least $429,243.75, by reason of the new plant, and (the use of $2,198,377.35 of New York Mutual Company's manufacturing plant being no longer available to the Consolidated Company), the net increase in the cost of gas sold by the Consolidated Gas Company will be at least 1.45¢ per M. cubic feet sold.

DEFENDANT'S EXHIBIT A.

The same as the fifth sheet of plaintiff's exhibit 178 with pencil marking by witness Alrich.
Not printed.

DEFENDANT'S EXHIBIT B.

The same as the fifth sheet of plaintiff's exhibit 178 with pencil marking by witness Alrich.
Not printed.

DEFENDANT'S EXHIBIT C.

The same as the eighteenth sheet of plaintiff's exhibit 178 with pencil marking by witness Alrich.
Not printed.

DEFENDANT'S EXHIBIT D. E. F. G.

Leases from Consolidated Gas Co., to Booth & Flynn.
Not printed.

DEFENDANT'S EXHIBIT H.

A sheet containing details concerning auditorium of Consolidated Gas Co., in building at 15th Street.
Not printed.

DEFENDANT'S EXHIBIT I.

Sheet 6680 of complainants exhibit 186 marked by witness Stark.
Not printed.

DEFENDANT'S EXHIBIT J. K. L. M. N. O. P. Q. R. S. T.

Leases of space in Consolidated Gas Co., building at 15th Street to Astoria Co., to National A. G. Co., to Dahlstrom Metallic Door Co., to Standard Gas Light Co., to Mutual Co., to United Electric Light and Power Co., to National Coke & Coal Co., to New York Edison Co., to Electrical Refrigerating Co., to National Commercial Gas Association.
Not printed.

DEFENDANT'S EXHIBIT U.

Time book for 99th Street station of Complainant Company
Not printed.

DEFENDANT'S EXHIBIT V.

General Ledger of complainant company from 1912 to date.
Not printed.

DEFENDANT'S EXHIBIT W.

Real Estate owned by the complainant company but not used in the gas business.
Not printed.

DEFENDANT'S EXHIBIT X.

(Printed in copying ink.)
Date of Invoice
12-19-18
B. W.
T B

Voucher No. 17805
Paid Jan 20 1919
By check No. 99700

CONSOLIDATED GAS COMPANY OF NEW YORK,
General Office, 130 East 15th Street, near Irving Place.
To Thorne Neale & Co. Inc. Dr.
Terms..... Address Whitehall Building, 17 Battery Pla. New York City.
Posted in Sundry Creditors Ledger, folio 87

Date of delivery Order of goods or work No.	Please give order number, details of charges, and state where material was delivered, or work done	Audited Jan 9 1919 F. W., Auditor
B/L.		
598 14/20 tons	Coal loaded into boat "S. A. Wertheim" at Hoboken, N. J.	
	598.14 tons Broken coal @ 7.85 f. o. b Hoboken. 4699.80	4699.80
	Tax on rail freight..... 34.13	
	Purchasing Commission @ .20..... 119.74	
	Insurance 12.99	
	Boat freight @ .53..... 317.31	
	Tax on boat freight..... 9.52	
	5193.49	

98 Ster.
Passed for payment Jan 14 1919 Executive Committee.
Rec'd by Acc't'g Dep't Rec'd by Pur'g Dep't Ret'd to Acc't'g Dep't
Prices Checked by
Jan 8 1919 Prices Correct W S Purchasing Agent.
Receipt Voucher agrees with Invoice...Extensions and Footings Correct, E P R
Entered in Contract Book W S Checked Against Order.....Indexed.....
Deductions Checked and Found Correct.....Classification Checked, S.
Voucher Checked M

Accounts charged	Branch or Station	Amount
Coal	99th St. Station.....	5193 49

4.90
1.05
5.95
1.85
7.80

CONSOLIDATED GAS COMPANY of NEW YORK No. 2817

Received from Thorne, Neale & Co., Inc. By 99 Street Dept.

Quantity	Description of Material	Weight	Account to be Charged
	59730 ton Scranton Co.		Gas Prod

Boat S. A. Wertheim
Bill Lading 59870 tons
Order No.....Paid.....$.....Date of this Voucher, Dec 28 1918
Requisition No....Deduct—Yes—No.....Date Material Received Dec. 27 1918
Emergency No....Car No....Entered.....Approved W A CASH Supt.
Vouchers must reach accounting dept. 48 hours after material is received

DEFENDANT'S EXHIBIT Y.

LEHIGH AND WILKES BARRE COAL COMPANY,
Office of Vice President and General Agent.

P. B. Heilner, 6
Vice Pres't & Gen'l Ag't. as per C.M.C.
Daniel Anthony, 4 6 16
Ass't. Gen'l. Agent. H C L

143 Liberty St.

New York, April 3, 1 16

Mr. L. B. Gawtry, Vice Prest.,
Consolidated Gas Company of New York,
4 Irving Place, New York, N. Y.

Dear Sir:—

We have this day sold you 50,000 tons of egg coal now in stock at our Hampton Storage Plant at Hampton Junction, N. J. at $5.30, free on board boats at Port Johnston, N. J., delivery to be made as promptly as conditions will permit. It is understood should the circular price of egg coal be reduced before this coal is all loaded that the reduced price will apply on that portion of the 50,000 tons not yet loaded in boats. It is also understood that while the Lehigh & Wilkes Barre Coal Company will use every effort to give you prompt dispatch in loading the boats, we are not to be held responsible for causes of delay beyond our control, such for example as strikes among our employees or on the railroad lines over which we make deliveries.

In the matter of water freight on this coal, we are acting as your agents with the barge people. They have notified us there will be no change in the rate that they are now charging unless the Tow Boat Companies advance the rate of towing, in which case this increase will be added to the water freight.

Yours truly,

P. B. HEILNER
V. P. & G. A.

Copy

1916 as per C.M.C.
H C L. 4 6 16

New York, April 4th, 1916.

MR. P. B. HEILNER, *Vice-President & General Agent*,
Lehigh & Wilkesbarre Coal Company,
143 Liberty Street,
New York, N. Y.

Dear Sir:

We hereby confirm the sale to us of 50,000 tons of Egg coal, as outlined in your letter of April 3d, 1916, the terms of which are correct.

We trust you will use every endeavor to deliver this coal to us as soon as possible.

Very truly yours,
L. B. G.,
V. P.

LEHIGH AND WILKES BARRE COAL COMPANY,
Office of Vice President and General Agent.

P. B. HEILNER,
Vice Pres't & Gen'l Ag't.
DANIEL ANTHONY,
Ass't. Gen'l. Agent.

143 Liberty St.
New York, April 21, 1916

Mr. F. L. Lembrecht,
Consolidated Gas Company of New York,
4 Irving Place, New York, N. Y.

Dear Sir:—

Enclosed please find extra towing rates to 138th Street, Port Morris and Astoria made by the Port Johnston Towing Company. If it is not clear to you, kindly call them on the 'phone, 3335 Rector, and they will explain; 21st Street, East River, and Ravenswood, no extra towing: 99th Street and 115th Street, East River, $3.00 a boat and 1½c a ton.

Yours truly
A. H. CHAMBERLE,
Shipper

L. B. G., V. P.
Noted S

Copied 5/3/16
H C L

THOMAS TRACY.

Telephones: {Rector, 65.
{Rector, 3335.

TRACY TOWING LINE

Harbor Towing. Port Johnston Line. St. George Line
1 Broadway,
New York, April 20th, 1916.
L. B. GAWTRY,
V. P.

Towing rates to and from the Limits of the East River to Port Morris and Casino Beach, Astoria, as per the following schedule. The distance from the Limits of the East River to the above points is figured as three miles.

Rate on Loaded Boats.

6.00 for the first three hundred tons and one cent for each additional ton is the charge for the first mile, plus the following pro rata charge for each additional mile.

Boats carrying	400 to 600 tons	$1.50	per mile
" "	601 to 800 tons	1.40	" "
" "	801 to 1,000 tons	1.50	" "
" "	1001 to 1200 tons	1.60	" "

Rate on Light Boats.

Boats with carrying capacities of									
600 to 800	tons	$7.00	first mile.	.70	for each	additional	mile		
800 to 1000	"	8.00	" "	.75	"	"	"	"	
1001 to 1200	"	9.00	" "	.80	"	"	"	"	

Note. In no case will a boat be towed to or from the above points for less than $10.00 for a loaded boat and $8.00 for a light boat.

Noted S

Copied 5 3 16
H C L

DEFENDANT'S EXHIBIT Z

THIS AGREEMENT

Executed in duplicate, and made this 3rd day of February A. D. 1910, between the Pittsburgh Coal Company, party of the first part, hereinafter called the Seller, and the Consolidated Gas Company of New York, party of the second part, hereinafter called the Buyer.

In Consideration of the covenants and conditions to be made, kept and performed by the parties hereto respectively, as hereinafter expressed, it is hereby agreed, by and between them as follows, viz:—

First: The Seller hereby sells and agrees to deliver to the Buyer, and the Buyer hereby purchases and agrees to accept from and pay for to the Seller, f. o. b. cars at its mines in Pennsylvania, One Hundred Thousand (100,000) gross tons per annum of three-quarter inch screen gas coal, during a period beginning April 1st, 1910, and ending March 31st, 1915.

Second: The Seller agrees to give the Buyer an option on a further quantity of coal of the same character not exceeding Fifty Thousand (50,000) gross tons per annum, during the period of this contract, provided the Buyer nominates, by August 1st of each year, the amount of additional tonnage he will require under such option, during the next contract.

Third: The Seller agrees that all shipments of said coal shall be made to the Buyer in such quantities, and at such times,

as may be ordered by the Buyer, but in as nearly equal monthly quantities as possible.

Fourth: The performance by the parties hereto of this Contract is subject to strikes, accidents, car supply, delay of carriers and other causes beyond the control of said parties, or either of them; and in the event of a reduction in out-put at the mines of the Seller, resulting from any of the causes above mentioned, or other causes beyond the control of the Seller, shipments to the Buyer shall be pro-rated with other customers of the Seller.

Fifth: The Buyer agrees to pay for all coal ordered and shipped under the terms of this agreement, on the twentieth to the twenty-fifth of the month following the months in which shipments are made, at the net price of One and forty hundredths ($1.40) Dollars per gross ton, delivered as hereinbefore provided,—this price being based upon present Eastern pick mining rates of seventy-five cents per ton of 2000 pounds each, for three-quarter inch screen lump coal. Should that mining rate advance or decline, the prices named shall advance or decline the same amount as the change in such mining rate, during the life of this agreement.

Settlement shall be based upon bill-of-lading weights at tide-water; the Seller shall pay freight from the mines to tide-water, and boat freight from tide-water to various gas stations of the Buyer, fixed at eighteen cents per gross ton, including insurance,—Invoices for which freight shall be rendered with invoices for coal sold and delivered, and paid for by the Buyer, at the time of payment for such coal.

Sixth: The Seller hereby agrees to furnish standard three-quarter inch screened gas coal, mined in Pennsylvania, of good and uniform quality. In the event of dispute or difference between the parties hereto, as to grade of coal, at any time during said term, as shown by analyses or working results, or any other matters of dispute between the parties hereto, as to the construction of, or arising out of this agreement, if the parties hereto are unable between themselves, to agree upon an amicable adjustment of such dispute or difference, the same shall be referred to a board of Arbitrators, chosen as follows:—

The Seller shall select one arbitrator, and the Buyer shall select another arbitrator, and the two arbitrators so chosen shall select a third arbitrator, all of which arbitrators shall be dis-interested; if either of the parties hereto shall fail to appoint its arbitrator within ten (10) days after the party desiring arbitration has appointed its arbitrator, and given notice to the other of such appointment, and of the matter proposed to be arbitrated, then the arbitrator so appointed shall make appointment shall make appointment of an arbitrator for the party in default, and the two arbitrators then chosen shall appoint a third, as hereinbefore provided. The Board of Arbitra-

tors so appointed shall hear and decide the matters in dispute, and their decision, or that of a majority of them, shall be final and conclusive between the parties hereto, upon the matters concerning which said arbitration was demanded.

In the event that such coal should be determined to be inferior in quality, as aforesaid, the Buyer shall have the right to cancel any unfilled portion of the contract, and shall pay for all coal delivered up to the time of cancellation, at the prices and terms of this Agreement, provided the Seller shall have the right first to equitably correct any negligence or carelessness in the preparation of the quality of the inferior coal, so sold and delivered.

Seventh: Reference is hereby made to an agreement of even date herewith, and to run contemporaneously with this agreement, between the Seller and M. and J. Tracey, relating to the moving in boats from cars at St. George, Staten Island, or Port Reading, New Jersey, to the unloading stations of the Buyer in New York Harbor and vicinity, which agreement has been entered into by the Seller, at the direction of the Buyer, and the Seller shall not be deemed liable in any manner, for failure of or interference in deliveries in transit, after coal has been, or should be taken up by said M. and J. Tracey, for delivery to the Buyer, as provided for under the terms of said recited agreement, and the Buyer hereby assumes all liability for demurrage charges for boats, occasioned by delays in the unloading thereof at the various gas plants aforesaid.

Eighth: This agreement expresses the full contract existing between the parties hereto, and shall be binding upon and inure to the benefit of said parties, their and each of their respective successor, successors and assigns.

In Witness Whereof the parties hereto have duly executed this Agreement in duplicate, the day and year first above written.

PITTSBURGH COAL COMPANY,
By J. P. WALSH,
Vice-President.

Attest:
F. J. LEMOYNE,
Secretary.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By G. B. CORTELYOU,
President.

Attest:
H. O. WEAVER
Feb. 11 1910.
F. J. LE MOYNE.

All agreements are contingent upon strikes, accidents, delays of carriers and other causes beyond our control.
Monthly settlements by actual railroad weights by scales nearest loading point.

PITTSBURGH COAL COMPANY,

COLONIAL COKE COMPANY,
General Offices, Henry W. Oliver Building,
Pittsburgh, Pa.
J. P. Walsh, Vice President
W. A. Marsh, General Sales Agent.

J. D. Huddell
Eastern Sales Agent,
2 Rector Street,
New York.

New York, N. Y.
March 8th, 1913.

Mr. L. B. Gawtry, Vice-President,
Consolidated Gas Company of New York,
24 Irving Place, New York.

Dear Sir:

I beg to acknowledge receipt of your favor of the 26th ulto. advising us that you will take during the year beginning April 1st, 1913, 50,000 tons of ¾ Screened Gas Coal in excess of the 100,000 tons called for in contract, making a total of 150,000 tons to be taken during the twelve months from April 1st, 1913 to April 1st, 1914. All to be delivered under the same terms and conditions as outlined in our contract dated February 3rd, 1910.

As explained to you over the telephone, we would appreciate it very much if you could arrange to take the smallest portion of this coal between May 1st and December 1st, as we are called upon to make heavy shipments to the Lakes during that period; and we would especially appreciate it if you would make your demands as light as possible during the months of October and November.

Yours very truly,

J. D. HUDDELL,
Eastern Sales Agent.

File with regular certificate. L. B. G. 3/11-1913.

Office Memorandum

Copy

May 7th, 1912.

To Mr. F. L. Lambrecht, Auditor. From Mr. Gawtry.

Taking effect as of April 1st, 1912, the Eastern pick mining rate for mining coal in Pennsylvania has advanced 85¢ a ton of

2,000 lbs. for $^3/_4$" screened coal. This is equivalent to 5.6¢ a ton of 2,240 lbs.

Under the terms of our contract with the Pittsburgh Coal Company, dated February 3, 1910, in Clause 5, our price will advance accordingly, for all coal shipped on and after April 1st, 1912.

This will make our price per ton	$1.512
plus R. R. freight rate	1.80
water freight to tidewater	.18
price delivered	$3.492

L. B. G.

PITTSBURGH COAL COMPANY.

James P. Walsh,
Vice-President.

Pittsburgh, Pa., May 2, 1912.

Mr. L. B. Gawtry,
Vice President, Consolidated Gas Company of New York.
New York City, New York.

Dear Sir:—

Effective April 1st, 1912, the Eastern pick mining rate was advanced to 85¢ per ton of 2,000# for $^3/_4$" screened lump coal, which is equivalent to 5.6¢ per ton of 2,240#.

Under the terms of our contract with your company dated February 3rd, 1910, price will advance accordingly, and for all coal shipped you on and after April 1st, 1912, we shall render invoice against you for $^3/_4$" screened lump coal, at $1.512 per ton, plus freight rate from our mines to tidewater of $1.80 per ton, and boat freight from tidewater to your gas stations of 18¢ per ton, total $3.492 per ton of 2,240#.

Yours very truly,

J. P. WALSH,
Vice President.

Auditor.
5/7-12.

January 4, 1911.

Pittsburgh Coal Company,
52 Rector Street,
New York City.

Gentlemen:—

Confirming our conversation of yesterday, will you please ship us as soon as you can, 25,000 tons of your Gas Coal on the same terms as those of our yearly contract with you. It is understood that this coal is to be the same in all respects as you are shipping us at present, and that this order is in addition to your regular contract of 100,000 tons for the year, and in addi

tion to the extra 25,000 tons already ordered. It is also understood that we are to take the balance of our contract in regular monthly instalments between now and April 1st. The 25,000 tons ordered now is not to interfere in any way with the regular shipments.

Very truly yours,
CONSOLIDATED GAS COMPANY OF NEW YORK.
By Gilbert Francklyn.

All Agreements are Contingent upon Strikes, Accidents, Delays of Carriers and Other Causes Beyond Our Control.
Monthly Settlements by Actual Railroad Weights by Scales Nearest Loading Point.

PITTSBURGH COAL COMPANY,
Colonial Coke Company,
General Offices, 232 Fifth Avenue,
Pittsburgh, Pa.

J. D. HUDDELL
Eastern Sales Agent,
2 Rector Street,
New York.

J. P. WALSH, Vice President
W. A. MARSH, General Sales Agent.
New York, N. Y.

January 7th, 1911.

Mr. Gilbert Francklyn,—Engr. of Distribution,
Consolidated Gas Company of New York,
24 Irving Place, New York.

Dear Sir:

I beg to acknowledge receipt of your favor of the 4th inst. confirming verbal arrangement with you and Vice-President Mr. Addicks on the 3rd for shipment of 25,000 extra tons of our ¾ Screened Gas Coal on the same terms as your present contract, and also confirming verbal order for 25,000 tons additional given me some time ago, which is to be shipped in regular monthly proportions.

Thanking you for the order, I am,
Yours very truly,
J. D. HUDDELL,
Eastern Sales Agent.

New York, February 26th, 1913.

Mr. J. D. Huddell, Eastern Sales Agent,
Pittsburgh Coal Company,
2 Rector Street,
New York, N. Y.

My dear Sir:

Pursuant to our several telephone conversations, we hereby agree to take, during the year beginning April 1st, 1913, 50,000

tons of 3/4 screened gas coal in excess of the 100,000 tons called for under our contract dated February 3rd, 1910.

This coal is purchased at the same price and under the same terms and conditions as outlined in the original contract.

Yours truly,

L. B. G.
Vice-President.

PITTSBURGH COAL COMPANY,
Pittsburgh, Pa.

JAMES P. WALSH,
Vice-President.

May 13, 1910.

Mr. L. B. Gawtry,
Vice-President, Consolidated Gas Co. of New York,
New York City.

Dear Sir:—

Mr. J. D. Huddell, our Eastern Sales Agent advises us that you desire official information as to the settlement with the miners, and what the increased price will be on your contract.

The Eastern mining rate has not been definitely settled. However, we have granted an advance of 5¢ per ton, which makes the Eastern pick-mining rate 80¢ per ton of 2,000 pounds for 3/4" screened lump coal. This rate is to be considered by the Mine Workers' International Board and we will be advised later whether or not they will accept it.

In the meantime, we have resumed operations at our mines on this basis. Under the terms of our contract dated February 3rd, 1910, the price will advance 5.6¢ per ton of 2340 lbs. We will therefore render invoices against you for 3/4" Screened lump coal at $1.45.6 per ton, plus freight from our mines to tidewater at $1.80 per ton, and boat freight from tidewater to your Gas Stations of 18¢ per ton, total $3.43.6 per ton of 2240 lbs.

It is understood, of course, that this price is subject to any change necessary on account of adjustment of mining rate, as above stated.

Yours very truly,

J. P. WALSH,
Vice-President.

CONSOLIDATED GAS COMPANY OF NEW YORK,

Lewis B. Gawtry,
Vice President.

4 Irving Place.

Copy

February 23rd, 1910.

The Pittsburgh Coal Company,
Mr. L. H. Washburn,
No. 2 Rector Street,
New York City, N. Y.

Gentlemen:—

We hereby notify you that we do not wish to avail ourselves of the option contained in the second clause of our contract, dated February 3rd, 1910, for the year beginning April 1st, next.

Very truly yours,
L. B. G.,
Vice-President.

CONSOLIDATED GAS COMPANY OF NEW YORK,

Lewis B. Gawtry,
Vice President.

4 Irving Place.

Copy

New York, January 7th, 1910.

Pittsburgh Coal Company,
Mr. L. H. Washburn,
No. 2 Rector Street,
New York, N. Y.

Gentlemen:—

Confirming our conversation with your Mr. L. H. Washburn, we hereby authorize you to contract with the firm of Messrs. M. & J. Tracy to freight such coal as we have agreed to purchase from you under the terms of our contract beginning April 1st, 1910, from the shipping piers to our various docks situated in the City of New York at the rate of 18c per gross ton. This price to include insurance.

Yours very truly,
L. B. G.,
Vice-President.

DEFENDANT'S EXHIBIT AA

CONTRACT FOR GAS COAL

Agreement made this 8 day of March, 1913, between the Berwindwhite Coal Mining Company, party of the first part, and the Consolidated Gas Company of New York, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows, viz:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the

party of the second part and its affiliated Companies in the City of New York One Hundred and Fifty Thousand (150,000) gross tons of ¾ inch screened lump gas coal during the period beginning April 1st, 1913, and ending March 31st, 1914, at the net price of Three and 43 100 Dollars ($3.43) per gross ton delivered as aforesaid. Deliveries to be made as hereinafter set forth.

2. The party of the first part agrees that delivery of said coal shall be made to the party of the second part and its affiliated Companies alongside their respective docks in the City of New York, at such times as may be ordered by the party of the second part, but in as nearly equal monthly quantities as is possible. The party of the first part, however, shall not be liable for any marine risks (except thefts) on any coal ordered under this contract, from the time such coal is unloaded from the railroad cars into the boats at tidewater until the delivery of the coal at its destination, except that if any such coal is damaged or lost as the result of the fault or negligence of the carrier or any third person, the party of the first part shall proceed in the first instance against such carrier or person, at the expense of the party of the second part and under the employment of its counsel, and any recovery shall enure to the benefit of the party of the second part.

3. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

4. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

5. It is also agreed between the parties hereto that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

6. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In Witness Whereof the parties hereto have duly executed these presents the day and year first above written.

BERWIND-WHITE COAL MINING COMPANY,
by A. C. M. AZAY

CONSOLIDATED GAS COMPANY OF NEW YORK,
by LEWIS B. GAWTRY,
Vice Pres.

DEFENDANT'S EXHIBIT BB

CONTRACT FOR GAS COAL.

Agreement made this 4 day of April, 1913, between the Westmoreland Coal Company, party of the first part, and the Consolidated Gas Company of New York, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows, viz:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York Seventy-five Thousand (75,000) gross tons of ¾ inch screened lump gas coal during the period beginning April 1st, 1913, and ending March 31st, 1914, at the net price of Three and 35/100 Dollars ($3.35) per gross ton delivered as aforesaid. Deliveries to be made as hereinafter set forth.

2. The party of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the party of the second part, subject to the condition that 60% of the total tonnage of this contract will be shipped by the party of the first part between April 1st and October 1st, 1913, and the balance, 40% between October 1st, 1913, and April 1st, 1914.

3. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

4. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

5. It is also agreed between the parties hereto that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

6. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In Witness Whereof the parties hereto have duly executed those presents the day and year first above written.

WESTMORELAND COAL COMPANY,
by

CONSOLIDATED GAS COMPANY OF NEW YORK,
by LEWIS B. GAWTRY,
Vice-President.

DEFENDANT'S EXHIBIT CC.

CONTRACT FOR GAS COAL

Agreement made this 27 day of Feby, 1912, between the Consolidation Coal Company, party of the first part, and the Consolidated Gas Company of New York, party of the second part.

In consideration of the mutuality hereof, It Is Hereby Agreed between the parties hereto, as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York, Three Hundred Thousand (300,000) gross tons of 3/4 inch screened lump gas coal to be taken at said docks during the period beginning April 1st, 1912, and ending March 31st, 1915, in as nearly as may be, yearly quantities of One Hundred Thousand (100,000) gross tons at the net price of Three Dollars twelve and one-half cents ($3.12½) per gross ton delivered alongside said docks. Deliveries to be made as hereinafter set forth.

2. The party of the first part hereby agrees to give to the party of the second part an option to purchase an additional Twenty Five Thousand (25,000) tons in each and any year during the period covered by this Agreement, provided the party of the second part shall, before January 1st in any year, give to the party of the first part notice in writing of its intention to exercise said option.

3. The pary of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the party of the second part, but in as nearly equal monthly quantities as is possible.

4. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

5. It Is Hereby Agreed that the party of the second part shall assume all marine insurance risks (loss by thefts expressly excepted) on all coal ordered under this contract, from the time said coal is unloaded from the railroad cars into boats at tidewater until the delivery of the coal at its destination.

6. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed, providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

7. It is agreed between the parties hereto, that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

8. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In Witness Whereof, the parties hereto have duly executed these presents the day and year first above written.

CONSOLIDATION COAL COMPANY,
By F. W. HILSHIRE,
Gen. Mgr. of Sales.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By LEWIS B. GAWTRY,
Vice Pres.

DEFENDANT'S EXHIBIT DD

CONTRACT FOR GAS COAL

Agreement made this 12th day of March, 1912, between the Jamison Coal and Coke Company, of the State of Pennsylvania, party of the first part, and the Consolidated Gas Company of New York, of the State of New York, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto, as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York, Three Hundred and Seventy Five Thousand (375,000) gross tons of ¾ inch screened lump Farmington Gas Coal to be taken at said docks during the period beginning April 1st, 1912, and ending March 31st, 1915, in as nearly as may be, yearly quantities of One Hundred and Twenty Five Thousand (125,000) gross tons, at the net price of Three Dollars twelve and one-half cents ($3.12½) per gross ton delivered alongside said docks. Deliveries to be made as hereinafter set forth.

2. The party of the first part hereby agrees to give to the party of the second part an option to purchase an additional Twenty Five Thousand (25,000) tons in each and any year during the period covered by this Agreement, provided the party of the second part shall, before January 1st in any year, give to the party of the first part notice in writing of its intention to exercise said option.

3. The party of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the

party of the second part but in as nearly equal monthly quantities as is possible.

4. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

5. It is hereby agreed that the party of the second part shall assume all marine insurance risks (loss by thefts expressly excepted) on all coal ordered under this contract, from the time said coal is unloaded from the railroad cars into boats at tidewater, until the delivery of the coal at its destination.

6. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed, providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies and known as Farmington gas coal, and formerly mined by the Georges Creek Coal and Iron Company.

7. It is agreed between the parties hereto, that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

8. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In witness whereof, the parties hereto have duly executed these presents the day and year first above written.

JAMISON COAL AND COKE COMPANY,
By JNO. M. JAMISON,
Pres't.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By LEWIS B. GAWTRY,
Vice-President.

Copy

New York, February 21st, 1912.

Mr. John M. Jamison, President,
Jamison Coal & Coke Company,
Oliver Building,
Pittsburgh, Pa.

My dear Sir:

I beg to inform you that we will avail ourselves of the option that you gave us on 25,000 tons of gas coal over and above the 125,000 tons purchased from you for delivery during the year beginning April 1st, next.

This coal is to be delivered on the same terms and conditions

as called for in detail in the contract, which will shortly be sent to you for your signature.

Very truly yours,
L. E. G.
Vice-President.

JAMISON COAL & COKE COMPANY

Producers of
Jamison Standard Coke
For Foundries and Blast Furnaces
Greensburg Steam and Domestic Coal
Jamison Farmington Gas Coal
Suite 1504-1510 Oliver Building
Mines and Ovens in
Westmoreland County, Pa.
Marion County, W. Va.
John M. Jamison,
President.

Pittsburgh, February 22nd, 1912

Mr. Lewis B. Gawtry, Vice Pres't
Consolidated Gas Company,
New York City

Dear Sir:

I beg to acknowledge receipt of your favor of the 21st inst. advising that you elect to accept the option to take 25,000 tons of Gas Coal in addition to the regular tonnage of 125,000 tons purchased for delivery during the year beginning April 1st next.

I also note that the formal contract will be sent to us shortly for execution.

It is my expectation to leave to-night for Atlantic City for a period of a week or ten days, and it is likely that I will be in New York sometime during the next ten days, and if so, will take pleasure in stopping in to personally express my appreciation of this new business.

Very truly yours,
JNO. M. JAMISON.

DEFENDANT'S EXHIBIT EE.

CONTRACT FOR GAS COAL

Agreement made this 27th day of February, 1912, between the Penn Gas Coal Company, party of the first part, and the Consolidated Gas Company of New York, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows, viz:

1. The party of the first part hereby sells and agrees to de-

liver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York Twelve Thousand Five Hundred (12,500) gross tons of $^3/_4$ inch screened lump gas coal during the period beginning April 1st, 1912, and ending March 31st, 1913, at the net price of Three and 30/100 Dollars ($3.30) per gross ton delivered as aforesaid. Deliveries to be made as hereinafter set forth.

2. The party of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the party of the second part but in as nearly equal monthly quantities as is possible.

3. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

4. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

5. It is also agreed between the parties hereto that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

6. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In Witness Whereof the parties hereto have duly executed these presents the day and year first above written.

PENN GAS COAL COMPANY

By ————————

CONSOLIDATED GAS COMPANY OF NEW YORK

By LEWIS B. GAWTRY,

Vice Pres.

DEFENDANT'S EXHIBIT FF

CONTRACT FOR GAS COAL.

Agreement made this 10th day of April, 1913, between the Pittsburg Terminal Railroad and Coal Company, B. Nicoll and Company, Sales Agents, party of the first part, and the Consolidated Gas Company of New York, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto, as follows, viz:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York, Fifty Thousand (50,000) gross tons of ¾ screened lump Youghiogheny gas coal during the period beginning April 1st, 1913, and ending March 31st, 1914, at the net prices of Three Dollars thirty three and one-half cents ($3.33½) per gross ton delivered alongside docks of the party of the second part at Astoria, Long Island and 138th Street and East River, Borough of the Bronx, and Three Dollars thirty one and one-half cents ($3.31½) per gross ton delivered alongside docks of the party of the second part at 14th Street and East River and 42nd Street and North River, Borough of Manhattan, New York. Deliveries to be made as hereinafter set forth.

2. The party of the first part agrees to give to the party of the second part an option to purchase an additional Twenty-five Thousand (25,000) gross tons of the same coal at the same prices provided the party of the second part shall, before August 1st, 1913, give to the party of the first part notice in writing of its intention to exercise such option, and the said Twenty-five Thousand (25,000) gross tons shall be delivered in equal monthly instalments between December 1st, 1913, and April 1st, 1914.

3. The party of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the party of the second part, but 40% of the entire contract is to be delivered during the six (6) months beginning April 1st, 1913, and the remaining 60% during the six (6) months beginning October 1st, 1913.

4. This agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

5. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

6. It is also agreed between the parties hereto that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

7. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the

second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In witness whereof the parties hereto have duly executed these presents the day and year first above written.

PITTSBURG TERMINAL RAILROAD AND COAL COMPANY,
B. NICOLL AND COMPANY, Sales Agent,
By D. M. BOWDEN,
Manager.
CONSOLIDATED GAS COMPANY OF NEW YORK,
By LEWIS B. GAWTRY,
Vice-President.

Approved:
PITTSBURG TERMINAL RAILROAD & COAL COMPANY,
B. NICOLL & COMPANY, Sales Agents,
By KELLY ROBERTS,
Manager Coal Department.

Approved:
PITTSBURGH TERMINAL RAILROAD & COAL CO.
By W. W. KEEFER,
President.

DEFENDANT'S EXHIBIT GG.

CONTRACT FOR GAS COAL.

Agreement made this 9th day of April 1913, between Hite and Rafetto, party of the first part, and the Consolidated Gas Company of New York, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows, viz:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York Fifty Thousand (50,000) gross tons of ¾ screened lump Lincoln gas coal during the period beginning April 1st, 1913, and ending March 31st, 1914, at the net price of Three and 22 100 Dollars ($3.22) per gross ton delivered as aforesaid. Delivered to be made as hereinafter set forth.

2. The party of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the party of the second part, but in as nearly equal monthly quantities as is possible.

3. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

4. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

5. It is also agreed between the parties hereto that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

6. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In Witness Whereof the parties hereto have duly executed these presents the day and year first above written.

HITE AND RAFETTO.
By LOUIS RAFETTO.
CONSOLIDATED GAS COMPANY OF NEW YORK,
By LOUIS B. GAWTRY,
Vice-President.

DEFENDANT'S EXHIBIT HH.

Contract for Gas Coal.

Agreement made this 8th day of April 1913, between the NEW CENTRAL COAL COMPANY, party of the first part, and the CONSOLIDATED GAS COMPANY OF NEW YORK, party of the second part.

In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows; viz.:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part alongside the docks of the party of the second part and its affiliated Companies in the City of New York Twenty-five Thousand (25,000) gross tons of ¾ screened lump gas coal during the period beginning April 1st, 1913, and ending March 31st, 1914, at the net price of Three and 19/100 Dollars ($3.19) per gross ton delivered as aforesaid. Deliveries to be made as hereinafter set forth.

2. The party of the first part agrees that all deliveries of said coal shall be made to the party of the second part and its affiliated Companies alongside their docks in the City of New York in such quantities and at such times as may be ordered by the party of the second part but in as nearly equal monthly quantities as is possible.

3. This Agreement is subject to strikes, accidents and other causes beyond the control of either buyer or seller.

4. The party of the second part agrees to pay for all said coal ordered and delivered as hereinbefore agreed providing it is acceptable and equal in grade and quality to the coal heretofore delivered to the party of the second part and its affiliated Companies by the party of the first part.

5. It is also agreed between the parties hereto that the weight of said coal when so delivered from time to time shall be as ascertained by the weighers of the party of the second part.

6. The party of the first part reserves the option to cancel this contract to the extent of the quantity they should be entitled to deliver during any period of interruption in the receipt of coal by the party of the second part, and the party of the second part reserves the option to cancel this contract to the extent of the quantity they should be entitled to receive during any period of interruption in the delivery of coal by the party of the first part.

In Witness Whereof the parties hereto have duly executed these presents the day and year first above written.

NEW CENTRAL COAL COMPANY,
By M. Baxter,
V. Prest.

CONSOLIDATED GAS COMPANY OF NEW YORK,
By Lewis B. Gawtry,
Vice-President.

DEFENDANT'S EXHIBIT II

R. H. Williams.
R. H. Williams, Jr.
Saml. T. Peters
Harry T. Peters

WILLIAMS & PETERS,
Coal
1 Broadway,

Williams, Wells & Co.,
New Haven, Conn.

---

203 South Dearborn St.
Chicago, Ill.

1112 Prudential Building
Buffalo, N. Y.
and
141 Milk Street,
Boston Mass.

New York, February 27th, 1913.

Mr. Lewis B. Gawtry, Vice-President,
Consolidated Gas Company,
New York City.

Dear Sir:—

We are in receipt of your letter of February 26th, and in accordance therewith have entered contract covering you on

75,000 tons of Broken coal at $4.65 per gross ton delivered alongside your various docks, same to be taken in approximately equal monthly proportions from April 1st, 1913, to March 31st, 1914, subject to our usual conditions.

Thanking you for the order.

Yours truly,

WILLIAMS & PETERS

New York, February 26th, 1913.

Messrs. Williams & Peters,
1 Broadway,
New York, N. Y.

Gentlemen:

Confirming my conversation with your Mr. Samuel T. Peters, we hereby agree to purchase from you 75,000 tons of Pittston Broken Coal.

This coal is to be equal in grade and quality to that which we have received from you in the past and is to be delivered during the period beginning April 1st, 1913, and ending March 31st, 1914, in as nearly equal monthly proportions as it is possible for this Company to receive it.

This coal is purchased subject to strikes, accidents and other causes beyond the control of either buyer or seller, and is to be delivered alongside the docks of this and its affiliated Companies at $4.65 per gross ton.

Shipping instructions will be sent you later.

Yours very truly,

L. B. G.
Vice-President.

DEFENDANT'S EXHIBIT JJ.

LEHIGH AND WILKES BARRE COAL COMPANY.

General Offices,
Reading Terminal, Philadelphia, Pa.
New York order Dept.
143 Liberty St.

P. B. Heilner,
Vice Pres't & Genl. Agt.
L. A. Powelson,
Asst. Genl. Agent.

New York, Feb. 20, 1913.

Consolidated Gas Co. of New York,
Mr. Lewis B. Gawtry, Vice President,
4 Irving Place, New York.

Dear Sir:—

Confirming our conversation of the 18th inst. beg to say that we have entered your order for 80,000 tons of the Lehigh & Wilkes Barre Coal Company's Wilkes Barre broken coal for

delivery during the period April 1st, 1913 to March 31st, 1914 on the same terms and conditions as the contract for 1912. While this coal is sold at $4.45 f. o. b. we expect to arrange the transportation the same as last year and at the same rates of freight. We will handle the floating of this coal for the reasons explained to Mr. Gawtry.

Yours truly,

P. B. HEILNER

V. P. & G. A.

New York, February 24th, 1913.

Lehigh & Wilkesbarre Coal Company,
Mr. P. B. Heilner, Vice-President & Gen'l. Agent,
143 Liberty Street,
New York, N. Y.

Gentlemen:

We beg to acknowledge receipt of your letter of February 20th, and note that you have entered our order for 80,000 tons of Lehigh & Wilkesbarre Coal Company's Wilkesbarre Broken coal for delivery during the year beginning April 1st, 1913, on the same terms and conditions as our present contract; price to be $4.45 f. o. b. Shipping Docks plus the water freight.

These terms are satisfactory to us, and we hereby confirm the purchase.

Shipping instructions will be sent you later.

Yours very truly,

L. E. G.,
VicePresident.

DEFENDANT'S EXHIBIT KK

LEHIGH VALLEY COAL SALES COMPANY,
90 West Street
New York, February 25th, 1913.

Wm. S. Wolle,
General Eastern Sales Agent
Consolidated Gas Co. of New York,
Mr. Lewis B. Gawtry, Vice President,
City. No. 124 East 15th Street, New York City.

Dear Sir:

In accordance with arrangement made with you by our Mr. Rowland, yesterday, I write to say that our Company agrees to sell you 10,000 tons of Beaver Meadow Broken coal, for shipment as required by you in about equal monthly proportions during the year ending March 31st, 1914, in cargoes of 500 to 600 tons each, at the following prices: $4.45 per gross ton f. o. b. vessel at Perth Amboy, N. J., or $4.65 per gross ton alongside docks of your Company on Manhattan Island, the Bronx and Ravenswood and Astoria, L. I., subject to the following conditions:

If the entire tonnage is not taken by March 31st, 1914, either through your failure to order or our inability to ship, any unfilled portion may be cancelled.

All coal shipped in one month is to be paid for within the month next succeeding.

It is understood that we shall make every reasonable effort to fulfill our part of this contract, but shall not be held responsible for damages for a failure to deliver if prevented from doing so by our inability to procure transportation, or by floods, accidents or casualties, or from lockouts or strikes among employes of Companies who mine the coal or of your Company or of any transportation company engaged in moving the coal, or by congressional or legislative action, or by legal proceedings, or by any other causes that are beyond our control. And in the event of any such cause preventing our delivery of coal, we reserve the right to cancel said contract to the extent of the average daily quantity the purchaser would be entitled to receive hereunder during the time such interruption continues.

If this is in accordance with your understanding, please confirm, and oblige,

Yours truly,
WM. S. WOLLE,
General Eastern Sales Agent.

WSW/H.

New York, February 26th, 1913.

Lehigh Valley Coal Sales Company,
Mr. W. S. Wolle, Gen'l. Eastern Sales Agent,
90 West Street,
New York, N. Y.

Gentlemen:

I beg to acknowledge receipt of your letter of February 25th confirming our purchase of 10,000 tons of Beaver Meadow Broken Coal, to be delivered during the year ending March 31st, 1914, the terms of which are correct and satisfactory to us.

Very truly yours,
L. B. G.,
Vice-President.

DEFENDANT'S EXHIBIT LL.

Pamphlet entitled "Definition of Cost" issued by the United States Government.
Not printed.

DEFENDANT'S EXHIBIT MM.

Record of hearings before a special committee of the House of Representatives.
Not printed.

DEFENDANT'S EXHIBIT NN.

Case No. 2235. Order Fixing Heating Standard for Gas.

At an Adjourned Meeting of the Public Service Commission for the First District, duly held at its office No. 120 Broadway, in the Borough of Manhattan, City and State of New York on the 13th day of October, 1917.

Present—Oscar S. Straus, Chairman; Travis H. Whitney, Charles S. Hervey, Commissioners.

In the Matter of the hearing on the motion of the Commission as to the standards for measurement of the quality and power of gas manufactured, distributed or sold by gas corporations within the First District, and the rates or charges for such gas service based upon such standards.

By Chapter 125 of the Laws of 1906 and amendatory acts of 1916 and 1917, the maximum price for gas manufactured, furnished or sold in the City of New York, the illuminating power of which is fixed at not less than twenty-two (22) sperm candles as more fully set forth, is prescribed at eighty cents per thousand cubic feet, in the Borough of Manhattan, in the first ward of the Borough of Queens, in the Borough of Brooklyn (including the territory annexed to the County of Kings by Chapter 410 of the Laws of 1915, as amended) and in the Borough of the Bronx, except that portion of it formerly contained in the town of Westchester outside of the villages of Wakefield and Williamsbridge, and at one dollar per thousand cubic feet in the Borough of Richmond and in the second, third and fourth wards of the Borough of Queens (except the territory annexed to the County of Kings by Chapter 410 of the Laws of 1915, as amended).

By the provisions of the Public Service Commissions Law, and particularly by Section 66, Subdivision 5, and Section 72 thereof, this Commission may, by order, fix the maximum price to be charged for gas by any person or corporation furnishing gas service, but at not exceeding that fixed by statute.

By the provisions of the Public Service Commissions Law, and particularly by Section 66, Subdivisions 1, 2 and 3, this Commission has the power by order to fix from time to time standards for the measurement of the purity of gas and for the measurement of the illuminating and heating power of gas to be manufactured, distributed or sold by persons or corporations for lighting, heating or power purposes, notwithstanding that another standard for the measurement of any thereof may have been fixed by statute; to require the gas so manufactured, distributed or sold to equal the standards so fixed by it, to determine whether such gas conforms to such standards, and to order reasonable improvements in connection with the manufacture and distribution of gas.

The War Department of the United States by its responsible

officers has communicated to the Commission, in writing and verbally, that a public emergency exists requiring that the gas corporations subject to the jurisdiction of this Commission immediately enter into arrangements with the National Government upon suitable terms of compensation to begin the production, as soon as possible, of certain ingredients essential to the conduct of the present war by the United States which can be more effectively recovered from gas manufactured by the said corporations under a heating power standard than from gas manufactured under an illuminating power standard, and requesting this Commission to fix a heating standard for gas manufactured, distributed or sold by gas corporations subject to the jurisdiction of this Commission. Also, a hearing has been duly had in this proceeding by and before the Commission on September 18, 1917 and adjourned dates upon notice to all gas corporations subject to the jurisdiction of this Commission; and the Commission has made investigation and is of the opinion that a public emergency exists rendering it necessary that in the conduct of the war gas corporations manufacturing gas shall produce certain ingredients which can be produced advantageously under a heating value standard, and that it is just, reasonable and proper to fix standards for the measurement of the heating power of gas to which gas corporations subject to the jurisdiction of the Commission shall conform at their election as an alternative to the illuminating standard now fixed by statute, for the period during which the United States may be engaged in the present war; it is

Ordered

I.—This Commission hereby fixes a monthly average total heating power of not less than six hundred and fifty (650) British thermal units per cubic foot (ascertained as hereinbelow set forth) as a standard for the measurement of the heating power and thereby the quality of gas to be manufactured, distributed or sold by gas corporations subject to the jurisdiction of this Commission and furnished to consumers at a price not in excess of that now fixed by law or by any order of this Commission. Provided, however, that such heating power standard shall not be, and is not intended to be, in derogation or a repeal of any other standard for the measurement of the quality of gas now fixed by statute, but shall be a standard to which gas shall conform as an alternative, under the election herein provided, to that fixed by statute.

(a) The average total heating power, for any three consecutive days in any calendar month, shall not be less than six hundred and fifteen (615) British thermal units per cubic foot.

(b) In determining the heating power, the gas shall be corrected to a temperature of sixty (60) degrees Fahrenheit and thirty (30) inches of mercury.

(c) Each test to determine the heating quality of the gas shall be made according to approved methods, and in conformance with regulations which may be prescribed by this Commission and at such location or locations as shall be approved by the Commission not less than one-half mile distant in an air line from any manufacturing or distributing station of the gas corporation.

(d) The daily heating power of gas at each testing station shall be determined by averaging all the tests made at such station; the daily heating power of gas furnished by the gas corporation to its consumers shall be determined by averaging the daily heating power of gas at all the testing stations of the supplying corporation; the monthly average heating power of gas furnished by a gas corporation shall be determined by averaging the daily heating power of gas furnished by the gas corporation to its consumer as shown by tests made on not less than twenty days in a calendar month.

II.—That the gas manufactured, distributed or sold by gas corporations subject to the jurisdiction of this Commission shall conform to the standard of quality prescribed by any statute now in effect, or, in the alternative, for a period not longer than until three months after the termination of the war in which the United States is engaged, and at the election of any such gas corporation to be made and evidenced only in the manner in accordance with the terms hereinbelow set forth, to the heating standard prescribed in this Order and elected by such gas corporation.

III.—That any gas corporation may exercise the option to furnish gas in conformity with the heating standard fixed in this Order by filing with the Commission a statement in writing, duly authorized by such gas corporation and signed and duly acknowledged, stating that such gas corporation will thereafter and for a specified period, but not longer than the duration of the war in which the United States is engaged and three months thereafter, manufacture, distribute or sell gas within the City of New York which shall conform to the heating standard herein prescribed and in compliance with each and every one of the following terms and conditions:

(a) That the rate to be charged or received per one thousand cubic feet for gas manufactured, furnished or sold within the City of New York under the heating standard herein prescribed in Paragraph I shall not exceed the sum of eighty cents or, where such person or corporation is authorized by law or by any order of this Commission to charge a higher rate, shall not exceed such lawful rate.

(b) That, in the event that such gas corporation shall propose to furnish gas of a heating quality less than six hundred and fifty (650) British thermal units monthly average total heating power per cubic foot, and shall notify the Commission

in writing (duly authorized by the gas corporation and duly signed and acknowledged) of its intention so to do and of the minimum monthly average total heating power for such gas, the rate to be charged or received per one thousand cubic feet for such gas within the City of New York shall not exceed the rate which such person or corporation is now authorized to receive and collect by law or by order of this Commission for gas furnished by it in the City of New York less a per cent (not including fractions of one per cent) equal to the per cent by which the number of British thermal units monthly average total heating power per cubic foot of the heating power elected shall be less than six hundred and fifty (650) British thermal units.

(c) That such gas corporation will provide and maintain such suitable testing stations, apparatus and facilities as may be required and approved by the Commission for use in testing by direction of the Commission the heating power of gas manufactured, distributed or sold by it, and will make all tests subject to the supervision of this Commission and its responsible engineers or agents duly authorized.

(d) That such gas corporation will keep posted in its principal office, in a place readily accessible to its customers and open to their inspection, a statement of the average daily heating power of the gas furnished during the preceding calendar month as shown by the tests made under the direction of the Commission as hereinabove provided, in order that the consumers and the public may be advised of the quality of the gas being supplied.

(e) That such gas corporation will, upon the application of any consumer who at the time this provision becomes effective obtains illumination exclusively from open flame burners, provide and install upon such consumer's premises free of any charge, one efficient incandescent lamp complete with mantle, of a type to be certified by the Chief Gas Engineer of the Commission, for each room, but not more than two rooms, occupied by such consumer. Provided, however, that such gas corporation shall not be required to replace, renew or repair any mantle burner so furnished free of charge.

(f) That such gas corporation will notify its consumers of their right to have provided and installed incandescent lamps in pursuance of the terms of subdivision (e) of this paragraph, by a printed notice on or attached to all bills rendered to the consumers of such corporation during the month following the date of notification filed with the Commission of the election to furnish gas under the heating standard.

IV.—That this order shall be without prejudice to any further or other order in respect to rules and regulations governing the testing of gas furnished under a heating power standard or in respect to any other matter covered by the hearing resolution

adopted in this case on August 20, 1917, after further hearings in this proceeding or a separate proceeding.

V.—That this Order shall take effect at once, and shall continue in force until the further order of the Commission unless abrogated or otherwise changed by order of the Commission.

By the Commission

(L. S.) George F. Daggett
Acting Secretary.

(Executive Committee Minutes of December 17th, 1918)

Defendant's Exhibit OO.

Nov. 7, 19, J. A. I.

The President stated that owing to the unparalleled severity of the winter of 1917-1918, coupled with a shortage of bituminous coal and with the fact that a portion of the coal gas plant of The Astoria Light, Heat & Power Company was being used by the United States Government in the production of certain materials required in the gas defense service. The New York Mutual Gas Light Company was called upon to produce a substantial quantity of gas in excess of what was required to supply its own customers; that the matter of proper compensation to the Mutual Company for the use of a portion of its manufacturing plant for this purpose was discussed with the officials of this Company and it was agreed that the matter would be referred to Mr. George E. Woods for a report thereon; that Mr. Woods had made a report in which he stated that manufacturing plant of the Mutual Company, to the extent of 4,601,000 cubic feet of capacity, had been used for the benefit of this Company and that the carrying charge for a period of one year, based upon the fair value of the plant so used amounted to $75,226.35, which amount should be paid to the Mutual Company by this Company covering the year 1918; that Mr. Woods' report had been adopted and that a bill based thereon, covering the eleven elapsed months of the year, had been rendered by the Mutual Company to the Consolidated Company and had been paid.

On motion, duly seconded, it was

Resolved, That the above action of the officers in paying a bill of the Mutual Company for the use of a portion of the plant of the Mutual Company at the rate of $75,226.35 per annum be, and the same hereby is, approved, ratified and confirmed.

I hereby certify that the foregoing is a true and correct extract from the minutes of the meeting of the Executive Committee of the Consolidated Gas Co., held December 17, 1918.

R. A. CARTER, Sec.

Defendant's Exhibits PP, QQ, RR, SS, TT, UU, VV, WW, XX, YY, and ZZ.

Various vouchers.

Not printed.

DEFENDANT'S EXHIBIT AA 1

RW

PAID JAN 19 1918 19..
BY CHECK NO..90092

AMB

VOUCHER NUMBER
1301

Albany, N. Y., Jan. 9, 1918.

Consolidated Gas Company
Memorandum of Account with Martin S. Decker.

Trip to Concord, N. H., to confer with President Niles of National Association of Railway & Utilities Commissioners

Nov. 8 and 9, 2 days @ $50	$100.00
Expenses	26.50
	$126.50

Approved—
R A C
W
1/18/18—

Deft's Ex. 11/13/18
W G B

Prices Checked By.....
Prices Correct.....Purchasing Agent

Receipt Voucher agrees with Invoice.....Extensions and Footings Correct....C. E....Entered in Contract Book.. ....for record L.....Checked Against Order..... Indexed.....C. E.....Deductions Checked and Found Correct.....Classification Checked.....J. C.....Voucher Checked.....

Expenses

Accounts charged	Branch or Station	Amount
General Suspense	Legal	126.50

Audited..FEB 9 1918..19.. ..F. W...Auditor
Posted in Sundry Creditors Ledger, folio.....

DEFENDANT'S EXHIBIT AA2

J. A. I. Nov. 13/19

(GENERAL OFFICE INVOICE)

Voucher Number...17496..
Paid .....Dec. 21/18.....
By Check No. 98997.....
C. G. M. T.
A M B

Date,....December 19, 1918....191
Consolidated Gas Company of New York.
To....Mr. M. S. DECKER.....Dr.
Address..180 Washington Ave., Albany, N. Y...

Passed by
JAN. 29 1919
Albany, N. Y.
Committee of Account

Posted in Sundry Creditors Ledger, Folio ..48....
Receipt Voucher agrees with Invoice....Entered in Index....
Extensions and Footings Correct.....Entered in
Contract Book .....Classification Checked.....
Voucher Checked.....

Audited....Dec. 30, 1918. .....F. W. .....Auditor

Description	Amount	Accounts Charged
Professional services to November 30, 1918.	$2,590.00	Gen. Susp.—Legal

Approved
R. A. C.
Vice-President.
Charge
Gen. Suspense—Legal—

Asst. Sec. & Tr.
12/26/18

Neile F. Towner
Attorney and Counselor at Law
126 State Street, Albany, N. Y.

Paid Sep. 4—1918 19
By Check No. 95965
G
August 30th, 1918.
C. G. M. T.

31

DEFENDANT'S EXHIBIT AA3.

Voucher Number
11533

Nov. 13/19 J A F

Passed By Committee of Account
Oct. 30 1918.

Consolidated Gas Company of New York,
To— Neile F. Towner, Dr.

To legal services to date $150.00

Received Payment,

W
Charge
Gen Suspense
Legal
Asst. Sec. & Tr.
9/4/18

O. K.
Cyms

Passed For Payment
Sep 17 1918
Executive Committee

Rec'd by Acc't'g Dep't Rec'd by Pur'g Dep't Ret'd to Acc't'g Dep't Prices Checked by.....

P 1918

Prices Correct.....Purchasing Agent.

Receipt Voucher agrees with Invoice.....Extensions and Footings Correct.....

Entered in Contract Book.....Checked Against Order.....

S M V

Deductions Checked and Found Correct.....Classification Checked.....Voucher Checked.....

Accounts charged	Branch or Station	Amount
General Suspense	Legal	150.00

Audited Sep 12 1918 19 F W Auditor

Posted in Sundry Creditors Ledger, folio.....

CHARLES D. NEWTON ET AL., ETC.

17487

D—Cady Herrick. Charles J. Herrick.

Herrick & Herrick,
Attorneys and Counsellors at Law,
100 State Street,
Albany, N. Y.

Paid Oct. 15, 1918
By Check No. 97061

Passed By Committee of Account
Nov 26 1918

Voucher Number
13533 B. W.

31

DEFENDANT'S EXHIBIT AAI.

Nov 13/19 JAF October 11, 1918.

Consolidated Gas Company,
City of New York,

To.....D—Cady Herrick.....Dr.

To legal services rendered.....$250.

Received payment.

Passed for Payment
Oct 22 1918
Executive Committee

RAC
vP

Rec'd by Acc't'g Dep't Rec'd by Pur'g Dep't Ret'd to Acc't'g Dep't Prices Checked by.....

Prices Correct .....Purchasing Agent

Receipt Voucher agrees with Invoice.....Extensions and Footings Correct.....

Entered in Contract Book.....Checked Against Order..... D. B.

Deduction Check and Found Correct.....Classification Checked..S.....Voucher Checked.....

	Accounts charged	Branch or Station	Amount
General Suspense	Legal		250.00

Audited Oct 18 1918 WRS Asst.

Posted in Sundry Creditors Ledger, folio.....

CHARLES D. NEWTON ET AL., ETC.

17489

DEFENDANT'S EXHIBIT AA-5
G. C. S.

$20.00

Charge Miscellaneous Expenses

Twenty and 00/100 Dollars

New York Nov 25/18

G. M. THOMAS

O K
G. M. T.

Ex. AA-5
Endorsed:
No. 117
Petty Cash Voucher
Paid Nov 26 1918
Amount $.....

DEFENDANT'S EXHIBIT AA-6 G C S

Business Established 1867.

Edward V. Brokaw
William H. Brokaw

Telephone 1786, 1787 Broad

Edward V. Brokaw & Bro.
Manufacturing Stationers.
52 & 54 New Street. New York.

Oct 30/18

Sold To Consolidated Gas Company of New York
F. M. Poughkeepsie

Terms Net Cash

---

100 Visiting cards from plate $1.25

W Samy
Nov. 1, 1918

Paid
Edward V
Brokaw
& Bro.
C. Schuly

Ex. AA-6
Endorsed:
No. 17
Petty Cash Voucher
Paid Nov 2 1918
Amount $.....

DEFENDANT'S EXHIBIT A A 7, G. C. S.
(Printed in Copying Ink)

Voucher No. .....
Paid Nov. 25, 1918
By Check No. Cash

Date of Invoice
November 23, 1918.

Consolidated Gas Company of New York,
General Office, 130 East 15th Street, near Irving Place

To FRANCES B. MAGIDA, Dr.
Address c/o Robert E. Livingston, 1 Madison ave., N. Y.

Terms.....
Posted in Sundry Creditors Ledger, folio.....

Audited .....191..
..... Auditor

Order No.	Date of delivery of goods or work done	Please give order number, details of charges, and state where material was delivered, or work done	
		To summaries for month..	$10.00

O K
F B M
per
R W.
Passed for Payment
B. W.
Asst. Treasr.

17492 CONSOLIDATED GAS CO. OF NEW YORK VS.

Rec'd by Acc't'g Dep't Rec'd by Pur'g Dep't Ret'd to Acc't'g Dep't Prices Checked by.....

Prices Correct.....Purchasing Agent.

Receipt Voucher agrees with Invoice.....Extensions and Footings Correct.....

Entered in Contract Book.....Checked Against Order..... Indexed .....

Deductions Checked and Found Correct.....Classification Checked.....Voucher Checked.....

Accounts charged	Branch or Station	Amount

No. 114
Petty Cash Voucher
Paid Nov. 25, 1918
Amount $.....

DEFENDANT'S EXHIBIT A A 8, G. C. S.

Nov. 27, 1918.

Overtime a/c Lib. Bonds & Dividend # 122.

F. Jenning	$21.00
W. G. Zepf	21.00
A. Block	21.00
E. S. Murray	24.00
W. Young	24.00
H. L. McCormick	24.00
	$135.00

W. Samy, Nov. 27, 1918.

Approved
R. W.
Asst. Treasr.

Endorsed:
No. 136
Petty Cash Voucher
Paid Nov. 29, 1918
Amount $.....

DEFENDANT'S EXHIBIT A A 9, G. C. S.

November 1, 1918.

Consolidated Gas Company of New York.
To H. L. McCORMICK, Dr.

For services rendered as Notary Public to date—

109 Affidavits @ 12½..... $13.63

W. Samy, Nov. 1, 1918.

Rec'd Payment

H. L. McCORMICK

Endorsed:
No. 15
Petty Cash Voucher
Paid Nov. 2, 1918
Amount $.....

2 M.P. Form 916. 1-17

DEFENDANT'S EXHIBIT A A 10, G. C. S.

Charge $140

Revenue Stamps for $700,000.00 Note

One hundred & forty Dollars

New York Nov. 21, 1918.

B. W. LULIHY
Asst Treas

Endorsed:
No. 93
Petty Cash Voucher
Paid Nov. 21, 1918
Amount $.....

DEFENDANT'S EXHIBIT A A 11—G. C. S.

December 21, 1918

Expenses of the undersigned in re Committee work with Mr. Francklyn $39.75

W. M. BRUNDE

Endorsed:
No. 103
Petty Cash Voucher
Paid Dec. 23, 1918.
Amount $.....

Form 79. 5 M.P.
3-18

DEFENDANT'S EXHIBIT A A 12

General Office, 130 East 15th Street.

New York, Oct. 24th, 1918.

Received from Consolidated Gas Company of New York,
Eleven and 60/100 Dollars,
a/c Dinner Society of Gas Engineering
October 24th, 1918.

Carfare $.....
Telephone .....
Music $10.00
Cigarettes 1.60

F. A. MACKLIN

G W M

Endorsed:
No. 112
Petty Cash Voucher
Paid Oct. 25, 1918
Amount $.....

DEFENDANT'S EXHIBIT AA13.

Gas production statistics, 21st Station, Jan., 1918.
Not printed.

DEFE
GAS P

21st St. Station.

	Ratio	Generator Coal Tons	Av. Price	Amount	To Stor
Hand	.....	39,076.56	.....	215,497.42	2,875.
ived	.....	107,010.30	.....	774,597.07	10,674.
l	.....	143,086.86	.....	990,094.49	.....
to Employees	.....	388.48	.....	2,181.12	.....
	.....	142,698.38	.....	987,913.37	13,550.
n Generators	.....	95,311.64	.....	640,567.40	8,807.
nder Boilers	.....	8,936.11	.....	59,854.79	822.
Distribution Boilers	.....	2,020.00	.....	13,653.31	187.
G. O. Carpenter Shop	.....	2.00	.....	12.25	.....
Garage—Def. Em. Service	.....	1.00	.....	6.02	.....
Central Garage	.....	189.00	.....	1,256.53	16.
14 St. Dist. Bo.	.....	8.78	.....	60.34	.
Hester St. Shop	.....	4.22	.....	30.11	.
G. O. Building	.....	483.73	.....	3,221.19	43.
Hand	.....	35,741.90	.....	269,251.43	3,670.
Total	.....	142,698.38	.....	987,913.37	13,550.

BITUMINOU

		Bituminous, Slack or Buckwheat Coal Tons	Av. Price	Amount	To Stor
Hand	.....	.16	.....	.58	.
ived	.....	10,054.80	.....	50,644.35	875.
U. S. Govt.	.....	10,054.96	.....	50,644.93	876.
St. Carbon Pl.	.....	276.83	.....	1,418.69	17.
	.....	9,778.13	.....	49,226.24	858.
n Generators	.....	.....	.....	.....	.....
nder Boilers	.....	8,190.30	.....	40,882.53	684.
Distribution Boilers	.....	.....	.....	.....	.....
14 St. Dist. Bo.	.....	323.59	.....	1,519.60	25.
Hand	.....	1,264.24	.....	6,824.71	149.
Total	.....	9,778.13	.....	49,226.24	858.

14th St. Statistical Report for 250.04 Tons Boiler Coal Transferred from 14th St. to 21st

1749 DEFENDANT'S EXHIBIT AA14.

GAS PRODUCTION STATISTICS

One

21st St. Station

12 Months, 1918

WATER GAS.

GENERATOR COAL

12 Months, 1918.

Handling Coal: Pay Roll Labor — To Storage	To Gr. Ho.	To Blr. Ho.	Cartage — To Storage	To Gr. Ho.	To Blr. Ho.	Demurrage	Discharging	Total — Tons.	Per Ton.	Amount.	Total — Per Ton.	Amount.
2,875.30	.....	.....	1,001.48	.....	.....	43.84	.....	.....	.....	219,413.04	.....	7,133.33
10,674.96	31,714.25	670.80	720.50	7,422.06	713.00	3,745.90	.....	.....	.....	830,258.54	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,049,676.58	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,181.12	.....	.....
13,550.26	31,714.25	670.80	1,721.98	7,422.06	713.00	3,789.74	.....	.....	.....	1,047,495.46	.....	7,133.33
8,807.84	31,714.25	.....	1,304.16	7,422.06	.....	1,372.08	.....	.....	.....	691,187.79	.....	.....
822.91	.....	536.37	124.60	.....	573.41	119.33	.....	.....	.....	62,031.41	.....	7,133.33
187.52	.....	124.54	27.28	.....	127.96	31.33	.....	.....	.....	14,151.94	.....	7,133.33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.25	.....	
16.10	.....	9.89	2.39	.....	11.63	3.97	.....	.....	.....	6.02		
.76	.....	.....	.12	.....	.....	.06	.....	.....	.....	1,300.51		
.49	.....	.....	.05	.....	.....	.13	.....	.....	.....	61.28		
43.83	.....	.....	6.01	.....	.....	6.21	.....	.....	.....	30.78		
3,670.81	.....	.....	257.37	.....	.....	2,256.63	.....	.....	.....	3,277.24		
										275,436.24		
13,550.26	31,714.25	670.80	1,721.98	7,422.06	713.00	3,789.74	.....	.....	.....	1,047,495.46		

LUMINOUS SLACK AND BUCKWHEAT COAL

Handling Coal: Pay Roll Labor — To Storage	To Gr. Ho.	To Blr. Ho.	Cartage — To Storage	To Gr. Ho.	To Blr. Ho.	Demurrage	Discharging	Total — Tons.	Per Ton.	Amount.	Total — Per Ton.	Amount.
.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.59	.....	226,551.96
875.99	.....	634.66	143.00	.....	605.50	.....	.....	.....	.....	52,903.50	.....	883,162.04
876.00	.....	634.66	143.00	.....	605.50	.....	.....	.....	.....	52,904.09	.....	1,109,714.00
17.27	.....	.....	1.66	.....	.....	.....	.....	.....	.....	1,437.62	.....	3,618.74
858.73	.....	634.66	141.34	.....	605.50	.....	.....	.....	.....	51,466.47	.....	1,106,095.26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	691,187.79
684.19	.....	634.66	136.60	.....	605.50	.....	.....	.....	.....	42,943.48	.....	104,974.89
25.14	.....	.....	3.35	.....	.....	.....	.....	.....	.....	1,547.49	.....	14,151.94
149.40	.....	.....	1.39	.....	.....	.....	.....	.....	.....	6,975.50	.....	12.25
											.....	6.02
											.....	1,300.51
											.....	1,608.77
											.....	30.78
											.....	3,277.24
											.....	289,545.07
858.73	.....	634.66	141.34	.....	605.50	.....	.....	.....	.....	51,466.47	.....	1,106,095.26

to 21st St.

	Ratio	Foreign Coal Tons	Av. Price	Amount	To
On Hand	.....	1,204.41	.....	7,133.33	..
Received	.....	.....	.....	.....	..
Total	.....	.....	.....	.....	..
Sold	.....	.....	.....	.....	..
Net	.....	1,204.41	.....	7,133.33	..
Used	.....	.....	.....	.....	..
On Hand	.....	1,204.41	.....	7,133.33	..
Total	.....	1,204.41	.....	7,133.33	..

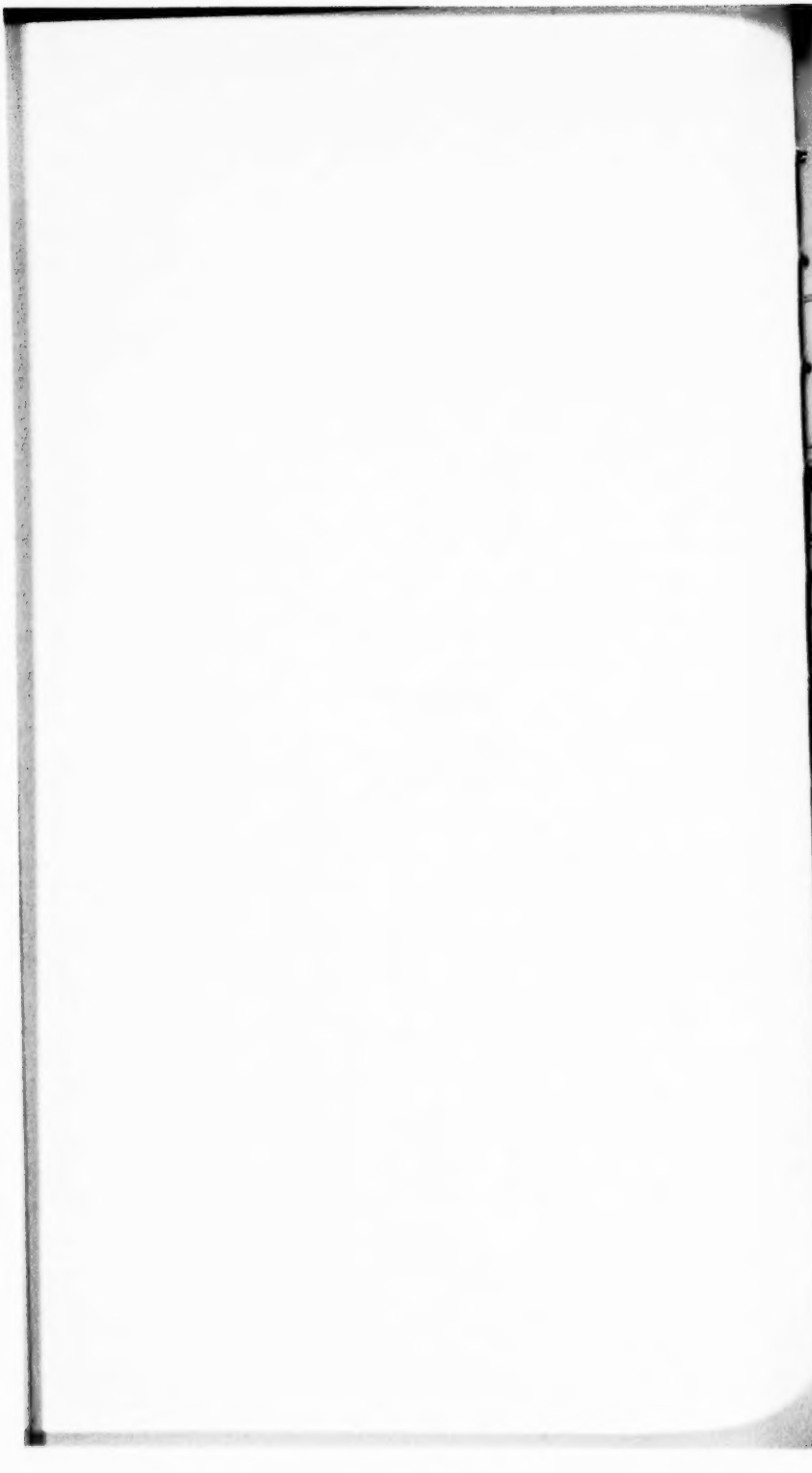
TOTAL

	Ratio	Total Coal Tons	Av. Price	Amount	To
On Hand	.....	37,281.13	.....	222,631.33	2
Received	.....	117,065.10	.....	825,241.42	11
Total	.....	154,346.23	.....	1,047,872.75	14
Sold	.....	665.31	.....	3,599.81	
Net	.....	153,680.92	.....	1,044,272.94	14
Used in Generators	.....	95,311.64	.....	640,567.40	8
" under Boilers	.....	17,126.41	.....	100,737.32	1
" Distribution Boilers	.....	2,020.00	.....	13,653.31	
Sent to G. O. Carpenter Shop	.....	2.00	.....	12.25	..
" " Garage—Def. Em. Service	.....	1.00	.....	6.02	..
" " Central Garage	.....	189.00	.....	1,256.53	
" " 14 Dist. Bo	.....	332.37	.....	1,579.34	
" " Hester St. Shop	.....	4.22	.....	30.11	
" " G. O. Building	.....	483.73	.....	3,221.19	
On Hand	.....	38,210.55	.....	283,209.47	3
Total	.....	153,680.92	.....	1,044,272.94	14

Handling Coal										
Pay Roll Labor			Cartage			Demur-	Dis-	Total		
To Storage	To Gr. Ho.	To Blr. Ho.	To Storage	To Gr. Ho.	To Blr. Ho.	rage.	charging.	Tons.	Per Ton.	Amount.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,133.33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,133.33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,133.33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,133.33

AL COAL.

Handling Coal										
Pay Roll Labor			Cartage			Demur-	Dis-	Total		
To Storage	To Gr. Ho.	To Blr. Ho.	To Storage	To Gr. Ho.	To Blr. Ho.	rage.	charging.	Tons.	Per Ton.	Amount.
2,875.31	.....	.....	1,001.48	.....	.....	43.84	.....	.....	.....	226,551.96
11,550.95	31,714.25	1,305.46	863.50	7,422.06	1,318.50	3,745.90	.....	.....	.....	883,162.04
14,426.26	31,714.25	1,305.46	1,864.98	7,422.06	1,318.50	3,789.74	.....	.....	.....	1,109,714.00
17.27	.....	.....	1.66	.....	.....	.....	.....	.....	.....	3,618.74
14,408.99	31,714.25	1,305.46	1,863.32	7,422.06	1,318.50	3,789.74	.....	.....	.....	1,106,095.26
8,807.84	31,714.25	.....	1,304.16	7,422.06	.....	1,372.08	.....	.....	.....	691,187.79
1,507.10	.....	1,171.03	261.20	.....	1,178.91	119.33	.....	.....	.....	104,974.89
187.52	.....	124.54	27.28	.....	127.96	31.33	.....	.....	.....	14,151.94
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.02
16.10	.....	9.89	2.39	.....	11.63	3.97	.....	.....	.....	1,300.51
25.90	.....	.....	3.47	.....	.....	.06	.....	.....	.....	1,608.77
.49	.....	.....	.05	.....	.....	.13	.....	.....	.....	30.78
43.83	.....	.....	6.01	.....	.....	6.21	.....	.....	.....	3,277.24
3,820.21	.....	.....	258.76	.....	.....	2,256.63	.....	.....	.....	289,545.07
14,408.99	31,714.25	1,305.46	1,863.32	7,422.06	1,318.50	3,789.74	.....	.....	.....	1,106,095.26



COPY BOUND CL

21ST STRE

	Ratio	Coke Pounds	Coke Loads	Coke Pr. Ld.	Pr.
Hand	....	490,682	$327^{182}/_{212}$	....	.
ceived	....	9,866,175	$6,577^{673}/_{906}$	....	.
Total	....	10,356,857	$6,904^{855}/_{1118}$	....	.
d to 14 St Carbon Pl (U S Govt)	....	65,850	$43^{1329}/_{87}$	....	.
Total	....	10,291,007	$6,860^{1037}/_{71}$	....	.
ed in Generators	....	5,624,000	$3,749^{999}/_{34}$	....	.
" under Boilers	....	3,422,932	$2,281^{1462}/_{68}$	....	.
t to 14 St. Dist Bo	....	733,595	$489^{95}/_{67}$	....	.
" " Central Garage	....	180,000	120,000	....	.
" G O Bldg	....	22,920	$15^{420}/_{28}$	....	.
Hand	....	307,560	$205^{99}/_{04}$	....	.
Total	....	10,291,007	$6,860^{1037}/_{71}$	....	.

	Ratio	Breeze Coke Breeze Pounds	Breeze Coke Breeze Loads	Breeze Coke Breeze Pr. Ld.	P
Hand	....	.....	.....	....	
ceived	....	.....	.....	....	
Total	....	.....	.....	....	
ed in Generators	....	.....	.....	....	
" under Boilers	....	.....	.....	....	
Hand	....	.....	.....	....	
Total	....	.....	.....	....	

CLOSE IN CENTER

21ST STREET STATION—12 MONTHS 1918

Coke				Handling Coke						Total				
				Pay Roll Labor			Cartage							
ads	Pr. Ld.	Pr. Cwt.	Amount	To St'age	To Gr Ho.	To Blr. Ho.	To St'age	To Gr. Ho.	To Blr. Ho.	Pounds	Loads	Per Ld.	Pr. Cwt.	Amount
			1,112.21	17.22				383.50	146.00					1,129.43
			27,954.16	892.66	704.96	135.36								30,216.64
			29,066.37	909.88										31,346.07
			186.45	4.39										190.84
			28,879.92	905.49	704.96	135.36		383.50	146.00					31,155.23
			15,658.22	486.90	704.96			383.50						17,233.58
			9,725.39	302.64		135.36			146.00					10,309.39
			2,042.74	73.76										2,116.50
			517.21	15.88										533.09
			64.94	1.70										66.64
			871.42	24.61										896.03
			28,879.92	905.49	704.96	135.36		383.50	146.00					31,155.23

Coke	Breeze			Handling Coke Breeze						Total				
				Pay Roll Labor			Cartage							
ads	Pr. Ld.	Pr. Cwt.	Amount	To St'age	To Gr. Ho.	To Blr. Ho.	To St'age	To Gr. Ho.	To Blr. Ho.	Pounds	Loads	Per Ld.	Pr. Cwt.	Amount

	Coke and Breeze			
	Ratio	Pounds	Loads	Pr. Ld.
n Hand	....	.....	.....	....
eceived	....	.....	.....	....
Total	....	.....	.....	....
ed in Generators	....	.....	.....	....
" under Boilers	....	.....	.....	....
n Hand	....	.....	.....	....
Total	....	.....	.....	....

		Gas Oil			Other M Dri chase Mutu
	Ratio	Gallons	Per Gal.	Amount.	Ga
On Hand	....	784,995	....	39,395.17	....
Received	....	28,103,830	....	1,844,102.00	16,
Produced	....	.....	....	.....	...
Total	....	28,888,825	....	1,883,497.17	16,
Used	....	27,868,492	....	1,816,439.87	...
Sold	....	.....	....	.....	16,
On Hand	....	1,020,333	....	67,057.30	...
Total	....	28,888,825	....	1,883,497.17	16,

	Oil Tar	
	Gallons	Per Gal.
On Hand	266,847	.....
Produced	4,588,295	.....
Total	4,855,142	.....
Used under Boilers	4,177,095	.06
Sold	528,797	.06
On Hand	149,250	.06
Total	4,855,142	.....

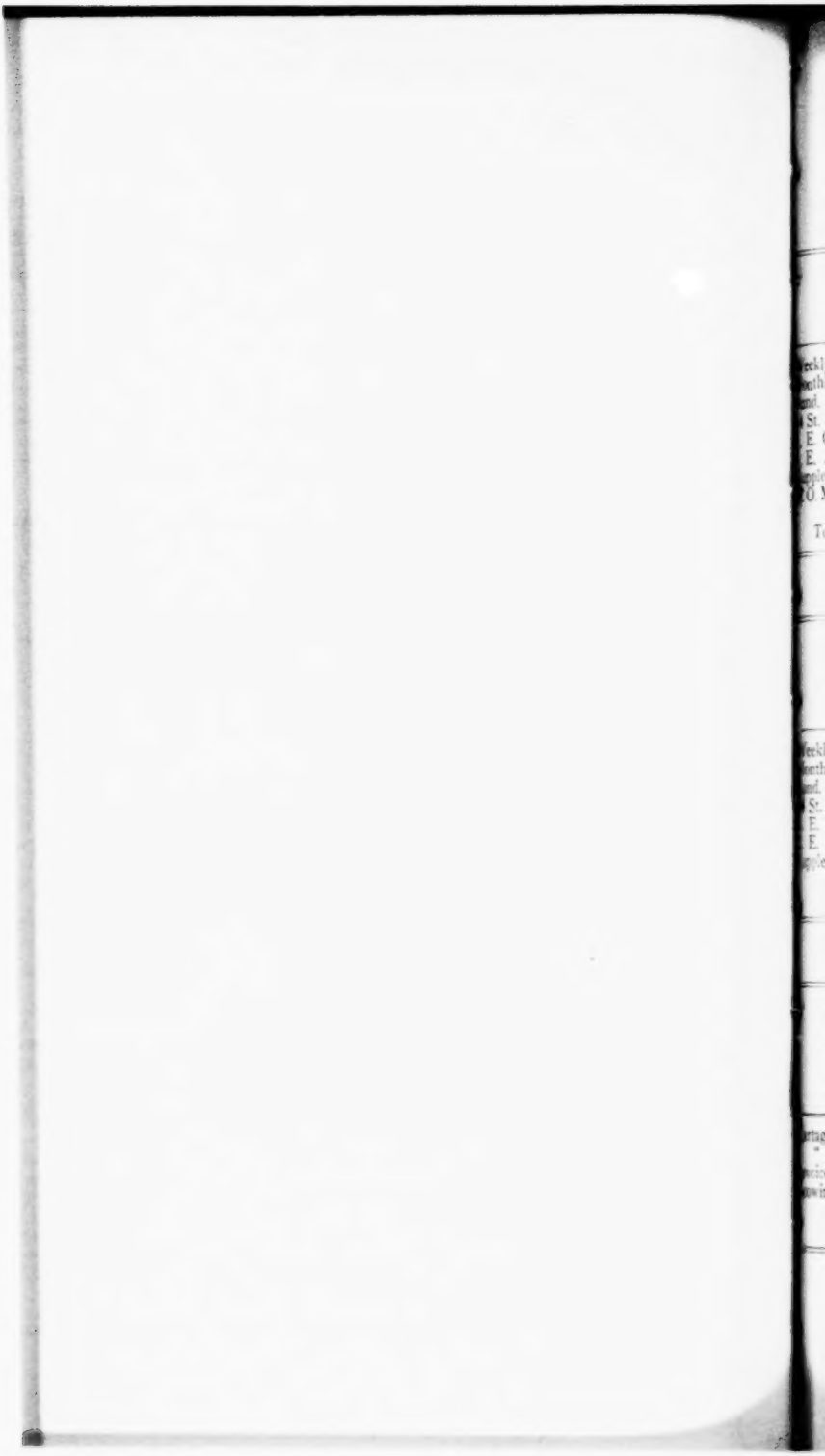
TOTAL COKE AND BREEZE

Handling Coke and Breeze												
Pay Roll Labor				Cartage								
Pr. Cwt.	Amount	To St'age	To Gr. Ho.	To Blr. Ho.	To St'rage	To Gr. Ho.	To Blr. Ho.	Pounds	Loads	Total Per Ld.	Pr. Cwt.	Amou
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	...
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	..
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	.....
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	.....
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	.....
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	.....
....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	.....

MATERIAL AND MISCELLANEOUS DATA

rip Oil Pur-ed from N. Y. tual G. L. Co.		Drip Oil			Iron Mass.			Red Ore and Iron Boreings	
als.	Amt.	Gallons	Per Gal.	Amount	Bushels	Pr. Bu.	Amount		Amount
....	.....	62,083	....	7,449.96	6,000	....	872.63	2,185	13.82
,751	1,691.85	.....	....	.....	40,000	....	7,675.00	.....	.....
....	.....	376,907	....	34,956.28	.....	....	.....	.....	.....
					Cartage	...	401.56		
					Labor	..	368.99		
					Bags Sold	..	387.57		
					Shavings	....	393.33		
					Scowing	....	12.00		
,751	1,691.85	438,990	....	42,406.24	46,000	....	10,111.08	2,185	13.82
....	.....	.....	....	.....	40,688	....	9,181.18	.....	.....
,751	1,691.85	437,821	....	42,299.34	.....	....	.....	.....	.....
....	.....	1,169	....	116.90	5,312	....	929.90	2,185	13.82
,751	1,691.85	438,990	....	42,406.24	46,000	....	10,111.08	2,185	13.82

Amount		Quantity	Price	Amount
5,336.94	Gas. Prod Co. Fuel, Crude Still Co. Oil	36,541	....	2,028.06
285,971.58	Gas Made, M. c. f.	.....	....	.....
	Candle Power	.....	....	.....
291,308.52	Water Used	15,028,400	....	15,028.40
	Gas Prod. Cartage C	.....	....	8,645.50
250,625.70	Gas Prod. Cartage L	.....	....	8,919.30
31,727.82	Residual Expense C	.....	....	106.40
8,955.00	Residual Expense L	.....	....	2,666.06
	Sundry Supplies	.....	....	4,341.27
291,308.52	Gas Prod. Co. Fuel Coal Labor	.....	....	11.50
	" " " " " Cartage	.....	....	5.00



SUMMARY OF PAY

Gas Making Labor

	Suptce.	Boiler Ho.	Gen. Ho.	Purifier Ho.		Total
eekly	10,701.50	38,339.89	64,123.54	1,577.40	.....	114,742.33
onthly	6,492.56	.....	.....	.....	.....	6,492.56
nd. Debtors	.....	.....	.....	.....	.....	.....
St. Pay Roll	.....	.....	.....	.....	.....	.....
E. Oil Rec.	924.52	.....	.....	.....	.....	924.52
E.	37.50	.....	.....	.....	.....	37.50
pplementary Roll } O. Month }	94.17	.....	.....	.....	.....	94.17
Total	16,326.21	38,339.89	64,123.54	1,577.40		120,367.04

PAY ROLL LABOR (Concluded)

Other Materia

	Screenings				
	To St'age	To Gr. Ho.	To Blr. Ho.	Iron Mass	Oil Tar Resid. Exp.
eekly	.....	.....	.....	368.99	2,531.95
onthly	.....	.....	.....	.....	.....
nd. Debtors	.....	.....	.....	.....	.....
St. Pay Roll	.....	.....	.....	.....	.....
E. Oil Rec.	.....	.....	.....	.....	.....
E.	.....	.....	.....	.....	.....
pplementary Rolls, G. O. Month				.....	.....
Total	.....	.....	.....	.....	.....

Foreign Coal

	Cartage		
	To St'age	To Gr. Ho.	To Blr. Ho.
rtage Report	.....	.....	.....
" " 14 St.	.....	.....	.....
rice Sheet	.....	.....	.....
owing Report	.....	.....	.....
	.....	.....	.....

OSE IN CENTER

21ST. STATION.

AY ROLL LABOR, CARTAGE AND OTHER CHARGES, 12 MONTHS, 1918.

	Handling Material (Coal and Coke) Generator Coal			Bituminous, Slack or Buckwheat			Resid. Exp. Foreign Coal Drip Oil			Coke			Gas Prod. Bo. Fuel Coal
	To Storage	To Gr.Ho.	To Blr.Ho.	To Storage	To Gr.Ho.	To Blr.Ho.	To Storage	To Gr.Ho.	To Blr.Ho.	To Storage	To Gr.Ho.	To Blr.Ho.	21st.St. Sta.
3	10,674.96	31,714.25	670.80	875.99	.....	634.66	.....	.....	48.66	1,689.26	704.96	135.36	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	796.60	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	85.45	.....	.....	.....	11.50
0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	134.11	892.66	.....	.....	.....

SUMMARY OF CARTAGE AND OTHER CHARGES

erial r p.	Gas Prod. Cartage	Total		Generator Coal Cartage To St'age	Generator Coal Cartage To Gr. Ho.	Generator Coal Cartage To Blr. Ho	Generator Coal Other Charges Demurrage	Bituminous, Slack or Buckwheat Coal Cartage To St'age	Bituminous, Slack or Buckwheat Coal Cartage To Gr. Ho.	Bituminous, Slack or Buckwheat Coal Cartage To Blr. Ho.	Bituminous, Slack or Buckwheat Coal Other Charges
5	8,919.30	173,711.47	Cartage Report	720.50	6,601.00	713.00	.....	143.00	.....	605.50	.....
	.....	6,492.56	" " 14 St	.....	821.06	.....	3,745.90	.....	.....	.....	.....
	.....	796.60	Invoice Sheet	.....	.....	.....	.....	.....	.....	.....	.....
	.....	96.95	Scowing Report	.....	.....	.....	.....	.....	.....	.....	.....
	.....	924.52									
	.....	37.50									
	.....	94.17									
	.....	178,636.53		720.50	7,422.06	713.00	3,745.90	143.00	.....	605.50	.....

CARTAGE AND OTHER CHARGES (Concluded)

o.	Other Charges Gas Prod. Bo. Fuel Coal 21 St.	Coke Cartage To St'age	Coke Cartage To Gr. Ho.	Coke Cartage To Blr. Ho.	Coke Other Charges	Screenings To St'age	Screenings Cartage To Gr. Ho	Screenings To Blr. Ho.	Screenings Other Charges	Other Material Iron Mass	Other Material Drip Oil Resid. Exp.	Other Material Gas Prod. Cartage	Total Amount
	.....	.....	383.50	146.00	.....	.....	.....	.....	.....	158.00	.....	8,645.50	18,116.00
	5.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	106.40	.....	111.40
	.....	.....	.....	.....	.....	.....	.....	.....	.....	243.56	.....	.....	4,810.52
	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.00	.....	.....	12.00
	5.00	.....	383.50	146.00	.....	.....	.....	.....	.....	413.56	106.40	8,645.50	23,049.92

WATER METERS

21st St. Station — 12 Months, 1918

Period Covered	Meter No.	Indexes	Consumption	Per M. Cu. ft.	Amount
1/1/19	18188	34360	113100	est.	
1/1/18		6811	2754900		
	18107	42252	1488	est.	
		8424	33828		
	18283	11932			
		11476	456		
	370943	4988			
		2032	2956		
	757155	529	244	est.	
		30	499		
	371861	58353	3223	est.	
		15007	43346		
	429641	79836			
		59739	20097		
	474864	13866			
		12937	929		
	429640	22712	412	est.	
		291	22421		
			15857900		
		Water Adjust.	829500		
			15028400		
		44 St. Station			
	508536	17280			
		15214	2075		
			438	est.	
	529893	111100	351	old meter register	
			1111		
			397500		
		Water Adjust.	13600		
Total			383900		

GAS ACCOUNT

12 Months, 1918

21st St. Station		44th St. Station	
On hand.....19..	2,456	On hand.....19..	2,105
Made Corrected	6,628,554	Made Corrected	.....
Received from.....		Received from 42d St. Sta..	1,097,554
" "		" "..	.....
Loss in Gas Volume..	24,820		
Total	6,655,830	Total	1,099,659
Sent to Consumers....	1,471,834	Sent to Consumers.....	1,096,615
" " 14th St. Station	4,599,811	" " .....St. Station	.....
" " 42d St. Station	557,207	" " .....St. Station	.....
On hand.....19..	2,158		
Loss in Gas Volume..	24,820	On hand.....19..	3,044
Total	6,655,830	Total	1,099,659

DEFENDANT'S EXHIBIT AA15.

BRANCH OFFICE MEMORANDUM

To General Office Commercial Department From Hester Street Branch

Appliances Sold Below Cost for Six Months Ended November 30, 1918.

Sold from Stock

Appliance		No. Sold	Sale Price	Cost Price	Net Loss
Miscellaneous Cookers	306.00	51	$275.40	$306.00	$30.60
286 Reliable "	2,867.98	193	1042.20	1080.80	38.60
817 Triplex "	533.50	45	243.00	412.75	169.75
107 Vulcan "	854.10	146	788.40	854.10	65.70
60-16 " "	407.10	69	372.60	407.10	34.50
16" Phoenix Range.....	167.05	13	162.59	167.05	4.46
18" " "	78.00	6	75.00	78.00	3.00
240 Reliable "	11.50	1	12.50	21.61	9.11
401 " "	59.40	3	56.40	107.58	51.18
184-5 Vulcan "	20.00	1	18.80	20.00	1.20
	5,304.63	528	$3046.80	$3454.99	$408.19

J. D. COLLINS,
Superintendent.

BRANCH OFFICE MEMORANDUM

December 16, 1916

To: Mr. F. R. Barnitz, Assistant Secretary From: Third Avenue Branch

Second Hand Rental Appliances Sold Below Cost

Corrected—per Mr. Burckhardt, 12/17/18 H/B

For the Six (6) Months Ending November 30th, 1918

Number of Appliances		Style of Appliance		Selling Price	Amount of Sale
3	6.00	Misc Cookers	18.00	$5.40	$16.20
2	6.00	Misc Cookers	12.00	4.86	9.72
277	14.86	286 Reliable	4,116.22	5.40	1,495.80
3	12.30	8/17 Triplex	36.90	5.40	16.20
20	5.85	107 Vulcan	.....	5.40	108.00
1	5.85	107 Vulcan	.....	3.50	3.50
1	5.85	107 Vulcan	128.70	3.90	3.90
2	5.90	60/16 Vulcan	.....	5.40	10.80
1	5.90	60/16 Vulcan	.....	3.50	3.50
1	5.90	60/16 Vulcan	23.60	3.00	3.00
1	13.80	1861 Vulcan	13.80	5.00	5.00
2	11.41	1661 Vulcan	22.82	10.00	20.00
71	12.85	16 Phoenix	912.35	13.50	958.50
5	13.00	18 Phoenix	.....	13.50	87.50
2	13.00	18 Phoenix	91.00	12.15	24.30
3	11.75	116/10 Phoenix	35.25	13.50	40.50
1	40.00	305 Reliable	40.00	15.00	15.00
1	25.20	302 Reliable	25.20	15.00	15.00
1	19.80	401 Reliable	.....	15.00	15.00
16	19.80	401 Reliable	.....	19.80	316.80
1	19.80	401 Reliable	356.40	18.90	18.90
11	20.00	184/5 Vulcan	220.00	19.80	217.80
1	30.25	166 C J	30.25	10.00	10.00
1	25.00	304 Reliable	25.00	15.00	15.00
428			6,107.49		$3,429.92

Cost Value	$6,107.49
Selling "	3,429.92
Loss	$2,677.57

G. P. PREZZANO,
Superintendent.

Consolidated Gas Company of New York,
Branch Office: 1907 Amsterdam Avenue
Near 155th Street

Telephone: Audubon 8200

New York, December 12th, 1918.

Report: Second Hand Ranges Sold Below Cost During the Six Months Ending—November 30th—1918:

Month:			Style	Number Sold		Selling Price	Total Selling Price
June	14.86	286	Reliable.....	3	44.58	$5.40	$16.20
	19.80	401	Reliable.....	1	19.80	19.80	19.80
July	14.86	286	Reliable.....	2	29.72	5.40	10.80
	5.90	60/16	B. Vulcan.....	1	5.90	5.40	5.40
September	14.86	286	Reliable.....	2	29.72	5.40	10.80
October	14.86	286	Reliable.....	2	29.72	5.40	10.80
	6.00	1692	Acornette.....	1	6.00	5.40	5.40
				12	165.44		$79.20

Cost Value	165.44
Selling "	79.80
Loss	86.24

Checked and Found Correct
G. M. *Chief Clerk.*

J. H.
Superintendent

BRANCH OFFICE MEMORANDUM.

December 16, 1918.

To: Mr. F. R. Barnitz, Assistant Secretary. From: Fifty-seventh Street Branch
Rental Ranges and Cookers Sold From Stock June 1 to November 30, 1918.

	Style		Number	Amount
6.00	Miscellaneous Cookers	534.00	89	$473.30
14.86	No. 286 Reliable Cookers	728.14	49	264.60
12.30	No. 8/17 Triplex Cookers	36.90	3	16.20
5.85	No. 107 Vulcan Cookers	315.90	54	291.60
12.85	No. 16 Phoenix Ranges	462.60	36	450.63
13.00	No. 18 Phoenix Ranges	143.00	11	148.50
11.75	No. 1160 Perfect Ranges	11.75	1	13.50
19.80	No. 401 Reliable Ranges	99.00	5	99.00
	Total	2,331.29	248	$1,757.30

Cost Value	2,331.29
Selling Value	1,757.30
Loss	573.99

A. JOHNSON.
Assistant Superintendent

AA 15

Consolidated Gas Company of New York,

Form 91 3M 1-18

Branch Office: 132 East 15th Street, Near Irving Place.
Telephone; 4901 Stuyvesant.

Second Hand Rental Appliances Sold Below Cost from June 1, 1918 to December 1, 1918.

Correction per Mr. O'Callahan, 12/12/18, I. J. D.

	Style		Quantity	Amount.
6.00	Miscellaneous Cooker	$5	30.00	$13.50
14.86	286 Reliable Cooker	151	2,243.86	809.46
12.30	817 Triplex Cooker	31	381.30	166.86
5.85	107 Vulcan Cooker	20	117.00	108.00
108.00	215 Blodget Oven	1	108.00	36.00
12.85	16 Phoenix Range	1	12.85	12.15
11.75	1160 Perfect Range	1	11.75	8.00
19.80	401 Reliable Range	4	79.20	79.20
20.00	184/5 Vulcan Range	3	60.00	59.40
	Total	217	3,043.96	$1,292.57
	Cost Value		$3,043.96	
	Selling Value		1,292.57	
	Loss		$1,751.39	

E. SITTERLY,
Chief Clerk.

EKM 12/10/18.

12/11/18 I. J. D.

AA 15

Branch Office Memorandum

January 8th, 1919.

To Mr. F. R. Barnitz, Assistant Secretary. From Third Avenue Branch.

Rented Lamps Sold on the District Ending November 30th, 1918.

Number of Lamps | Style of Lamps | Amount of Sale.

None.

H. WARREN,
Chief Clerk.

AA 15

Branch Office Memorandum.

January 9th, 1919.

To Mr. F. R. Barnitz, Assistant Secretary. From Fifty-seventh Street Branch.

Lamp Appliances Sold Below Cost for the Six Months Ended November 30, 1918.

None.

A. JOHNSON,
Assistant Superintendent.

1/19/19 I. J. D.

Form 91 20m 8-18

Consolidated Gas Company of New York,
Branch Office: 1907 Amsterdam Avenue. Near 155th Street.
Telephone; Audubon 8200.

January, 8th, 1919.

Report—Rental Lamps Sold Below Cost—On District—Six Months Ending—November 30th—1918:

None.

Checked and Found Correct,
G. M.
Chief Clerk.

1/9/18 I. J. D.

J. FENNIMAN,
Superintendent.

AA 15

Consolidated Gas Company of New York,
Telephone: 4901 Stuyvesant.
Branch Office: 132 East 15th Street, Nearing Irving Place.
Rental Lamps Sold Below Cost from June 1, 1918, to November 30, 1918.

Number of Appliances	Style of Appliances	Amount of Sale
	None.	

E. SITTERLY,
Chief Clerk.

EKM 1/19/19.

1/9/19 I. J. D.

n

AA 15

Branch Office Memorandum.
To Mr. F. R. Barnitz, Assistant Secretary. From Hester Street Branch, No. 130 East Fifteenth Street.
Rental Lamps Sold Below Cost for the Six (6) Months Ended November 30, 1918.
None.

J. D. COLLINS,
Superintendent.

DEFENDANT'S EXHIBIT AA16.

Teele's working sheets in appliances withdrawn from service. Not printed.

DEFENDANT'S EXHIBIT AA17.

Book endorsed "Meter and Appliance Repair Shops, Appliance Inventory."
Not printed.

DEFENDANT'S EXHIBITS AA18-19 (INCLUSIVE).

Gas oil vouchers for the year 1918 and 1919, including certificates and receipts attached. The following are printed as samples of these vouchers, the remainder not being printed.

CHAS. MARTIN & CO.

P. 2231a—1

CHAS. MARTIN & CO.
Inspectors of Petroleum
Authorized and Appointed by the
New York Produce Exchange
Produce Exchange Annex
New York

Barge 9 — Tanks 1-2-4

Date, 1917.	Tank.	Number of Gallons To The Inch.	INDICATIONS. Commenced. Scale.	Commenced. Gallons.	Closed. Scale.	Closed. Gallons.	Delivered Gallons.	Temp'r
Dec. 30th	129	.....	10 Ft. 1-3/4 Ins.	485020.23	7 Ft. 7-5/8 Ins.	364950.76	120069.47	48

The foregoing is a correct statement of Quantity Gas Oil delivered at Bayonne, N. J. for Flushing. Barge 9. Gravity 33.4.
Received Jan. 14, 1918—Accounting Dept.

120069.47 Gallons.

(Printed in copying ink.)
Voucher No. 1018. Paid, Feb. 14, 1918. By check No. 90580.
Date of Invoice—Dec. 31st, 1917.
Consolidated Gas Company of New York,
General Office, 130 East 15th Street, near Irving Place.
To Standard Oil Co. (N. J.) Dr.
Terms ..... Address—15 Exchange Pl., Jersey City, N. J.
Posted in Sundry Creditors Ledger, folio 59.

Order No.	Date of delivery of goods or work done	Please give order number, details of charges, and state where material was delivered, or work done	
	7691	Dec. 31st.	Gas Oil 28/38 Grav. Bge. No. 9 120069 gals. at .065721 deld. 7,891.05

Audited Feb. 1, 1918.
F. H.—*Auditor.*

Consolidated Gas Co. of N. Y.
99th Street and East River,
New York City.
Dec. 31, 1917.

Rec'd by Acc't'g Dep't
Rec'd by Pur'g Dep't
Jan. 7, 1918
Ret'd to Acc't Dep't
Prices Checked By—W. S.

Prices Correct—W

Receipt Voucher agrees with Invoice.....Extensions and Footing Correct—C
Entered in Contract Book.....Checked Against Order.....Indexed...
Deduction Checked and Found Correct.....Classification Checked—J
Voucher Checked—R. & J. C.

Accounts charged	Branch or Station	Amou
Gas Oil	99 Sta.	7,89

Consolidated Gas Company of New York No. 70
Received from Standard Oil Company. By 99th Street Work De

Quantity	Description of Material	Weight	Account To Be Charg
107,871 gals	Gas Oil ..... Barge No. 9—Temp't 48—Grav. 36.4. Standard Oil 120,069 gals.	.....	Gas Pro

Order No. .....
Requisition No. .....
Emergency No. .....
Paid ..... $ .....
Deduct (Yes or No) $ .....
Car No. .....Entered .....
Date of this Voucher—Jan. 4th, 1918.
Date Material Received—Jan. 18th, 1918.
Approved—J. K. Johnson—*Superintendent.*
Vouchers Must Reach Accounting Dept. 48 Hours After Material Is Rece

DEFENDANT'S EXHIBIT AA19
One voucher of package of 69 vouchers in evidence.

CHAS. MARTIN & CO.,
Inspectors of Petroleum.
Authorized and Appointed By the New York Produce Exchange,
Produce Exchange Annex, New York.

Barge No. 201—Tanks 1 to 4.

Date 1919.	Tank.	Indications Commenced Scale.	Commenced Gallons.	Closed Scale.	Closed Gallons.	Measured Gallons.	Temp'r.	Allowance for Difference in Temp'r.	Gallons at 60° Temp'r.
May 9th	126	21 ft. 2⅛ ins.	1,075,406.82	19 ft. ⅜ ins.	965,425.08	109,981.74	84	1,187.80	108,793.94

The foregoing is a correct statement of Quantity Gas Oil delivered at Bayonne for East 99th Street Barge No. 201. Gravity 31.0
CHAS. MARTIN & CO.

108,793.94 Gallons.

AA19

(Printed in copying ink.)
Voucher No. 6891.
Paid June 1, 1919.
By Check No. 4025.

B W

Date of Invoice, May 9th, 1919

CONSOLIDATED GAS COMPANY OF NEW YORK.
General Office, 130 East 15th Street, near Irving Place.

To Standard Oil Co. (NJ), Dr.
Terms.....Address—Room 901, 26 Broadway, N. Y. City.
Posted in Sundry Creditors Ledger, folio 65.

Order No.	Date of delivery of goods or work done.	Please give order number, details of charges, and state where material was delivered, or work done.	Audited May 23, 1919 F. W. Auditor.
7885—	5-9	Gas Oil 28-38 Grav. 108794 gals. .061082 Barge 201.	6,645.36 deld.

Consolidated Gas Co. of N. Y., 99th St. & East River, N. Y. City
Passed for Payment.
May 27, 1919.
Executive Committee.

Rec'd by Acc't'g Dep't
Ret'd to Acc't'g Dep't
May, 13, 1919.

Prices Checked by———————

Prices Correct—W. L.

Receipt Voucher agrees with Invoice—S. Extensions and Footing Correct—S
Entered in Contract Book—W. L. Checked against Order.....Indexed.....
Deductions Checked and Found Correct.....
Classification Clecked—L. Voucher Checked—B.

Accounts charged	Branch or Station	Amount
Gas Oil	99th St. Station	6,645.36

75B Form 132 400 D 4x1 5-18

CONSOLIDATED GAS COMPANY OF NEW YORK. NO. 3136.
Received from Standard Oil Co. By 99th St. Dep

Quantity	Description of Material	Weight	Account to Be Charged
.....	109,785 gals. Gas Oil	.....	Gas Prod.
.....	Barge No. 201. Grav. 31.0	.....	.....
.....	Standard Oil Co. 108,794 gals	.....	.....

Order No. ..... Requisition No. ..... Emergency ..... Paid .....
Deduct, Yes, No. $..... Car No. ..... Entered .....
Date of this Voucher, May 14, 1919
Date Material Received, May 10, 1919
Approved, ... Supt.
Vouchers Must Reach Accounting Dept. 48 Hours After Material Is Received

DEFENDANT'S EXHIBITS AA20, 21, 22, 23.

Coal vouchers for the years 1918 and 1919 for both the 99th street station and the 21st street station. The following are printed as samples of these vouchers, the remainder not being printed.

DEFENDANT'S EXHIBIT AA20.

One voucher from package of 76 vouchers in evidence.

Rec'd by Acc't'g Dep't
Rec'd by Pur'g Dep't
Ret'd to Acc't'g Dep't
Prices Checked by.....

Prices Correct—W. S. Purchasing Agent

Receipt Voucher agrees with Invoice S. Extensions and Footings Correct—S
Entered in Contract Book—W. S. Checked Against Order.....Indexed .....
Deductions Checked and Found Correct .....Classification Checked—M. S
Voucher Checked—M.

Accounts charged	Branch or Station	Amount
Coal	99 Sta.	389,491

CONSOLIDATED GAS COMPANY OF NEW YORK—NO. 75042

Received from Thorne, Neale & Company. By 99th Street Works Dept.

Quantity	Description of Material	Weight	Account To Be Charged
.....	534.97 Tons Broken Coal—Jas. A. Murray ..... Bill of Lading 533.85 Tons.	.....	Gas Production

Order No. .....
Requisition No. .....
Emergency No. .....
Paid ..... $.....
Deduct (Yes, No) $ .....
Car No. .....Entered .....

Date of this Voucher—May 2, 1918.
Date Material Received—May 1, 1918.
Approved—J. L. de Castro—*Supt.*
Vouchers Must Reach Accounting Dept. 48 Hours After Material Is Received
(Printed in copying ink.)

Voucher No. 6484. Paid May 5, 1918. By Check No. 93376.

Date of Invoice
4-25-18

CONSOLIDATED GAS COMPANY OF NEW YORK,
General Office, 130 East 15th Street, near Irving Place.

To Thorne Neale & Co., Inc., Dr.
Terms ..... Address Whitehall Building, New York City.
Posted in Sundry Creditors Ledger, folio 94.

Audited July 23, 1918.
F. H.—*Auditor.*

Order No.	Date of delivery of goods or work done	Please give order number, details of charges, and state where material was delivered, or work done	
B/L		Coal loaded into boat "J A Murray" at Hoboken, N. J.	
53317/20	.....	533.17 tons Broken Coal @ 6.50 f. o. b. Hoboken, N. J.	3470.03
		46 Boat freight	245.57
		War tax on boat freight.....	7.37
		" " " Rail freight.....	25.62
		Purchasing Commission 20¢.....	106.77
		Insurance	9.55
			3864.91

DEFENDANT'S EXHIBIT AA21.

One voucher of package of 14 vouchers in evidence

Rec'd by Acc't'g Dep't
Rec'd by Pur'g Dept.
Ret'd to Acc't'g Dep't
Prices Checked by.....
Prices Correct—W. S. Purchasing Agent.
Receipt Voucher agrees with Invoice S. Extension and Footings Correct—S.
Entered in Contract Book—W. S. Checked Against Order S. Indexed ....
Deductions Checked and Found Correct .....Classificaton Checked—P.
Voucher Checked—P.

Accounts charged	Branch or Station	Amount
Coal	99th St. Station	4,776.81

CONSOLIDATED GAS COMPANY OF NEW YORK—No. 17252
Received from Lehigh and Wilkes-Barre Coal Co. By 99th St. Dep.

Quantity	Description of Material	Weight	Account To Be Charged
	572.12 tons Coal Boat Interstate B/L 575.50 tons.	.....	Gas Prod

Order No. .....
Requisition No. .....
Emergency No. .....
Paid ..... $.....
Deduct (Yes, No) $ .....
Car No. ..... Entered .....

Date of this Voucher—June 30, 1919.
Date Material Received—June 30, 1919.
Approved—L. J. Burkhardt—*Supt.*
Vouchers Must Reach Accounting Dept. 48 Hours After Material Is Received.
(Printed in copying ink.)

Voucher No.—9409. Paid—July 10, 1919. By Check No. 4883.
Date of Invoice, June 23, 1919.

CONSOLIDATED GAS COMPANY OF NEW YORK,
General Office, 130 East 15th Street, near Irving Place.
To Lehigh & Wilkes-Barre Coal.) Dr.
Terms ..... Address 16 So. River St., Wilkes-Barre, Pa.
Posted in Sundry Creditors Ledger, folio 87.

Audited July 8, 1919.
F. H.—*Auditor.*

Order No.	Date of deliveryof goods or work done	Please give order number, details of charges, and state where material was delivered, or work done		
B/L 575 10/20 tons	1919 June 23	575.10 tons W.-B Broker Coal Water Frt. Insurance ..... War Tax 3%	@ $7.70.... @ .51....	4,431.35 293.31 11.20 40.73
				$4,776.59

Shipped to 99th St., East River
Bt Interstate. B/L 889

DEFENDANT'S EXHIBIT AA22.

Voucher No. 1016, Paid Feb. 14, 1918. By check No. 90578.
One voucher of package of 195 vouchers in evidence.
Date of Invoice, Jan. 1, 1918.

CONSOLIDATED GAS COMPANY OF NEW YORK,
General Office, 130 East 15th Street, near Irving Place.
To Lehigh & Wilkes-Barre Coal Co., Dr.
Address, Wilkes-Barre, Pa.
Terms
Posted in Sundry Creditors Ledger, folio 92.
Please give order number, details of charges, and state where material was delivered, or work done.

Audited Feb. 1, 1918.
F. H., Auditor.

Order No.	Date of delivery or work done			
B-L 760 Ton	Jan. 1	760 tons Wilkes-Barre Broken Coal Water freight..... War Tax.....	@ 6.25 .29	4,750.00 220.40 38.00
				5,008.40

Shipped per Bt. Elizabeth
To 21st Street, E. R.
B/L 1

We hereby guarantee that the coal covered by this invoice was produced in a mine or quarry in which within thirty days prior to removal of such product therefrom no children under the age of 16 years were employed or permitted to work.

LEHIGH & WILKESBARRE COAL CO.

DEFENDANT'S EXHIBIT AA23.

One voucher of bundle of 80 vouchers in evidence.

Rec'd by Acc't'g Dep't
Rec'd by Pur'g Dep't

Ret'd to Acc't'g Dep't
Prices Checked By .....
Prices Correct—W. S.

May 12 1919

Receipt Voucher agrees with Invoice—S. Extensions and Footings Correct—S.
Entered in Contract Book—W. S. Checked Against Order.....Indexed.....
Deductions Checked and Found Correct .....
Classification Checked—S.

Accounts charged		Voucher Checked—R. & J.
	Branch or Station	Amount
Coal	21st St. Station	4,565.66

CONSOLIDATED GAS COMPANY OF NEW YORK

No. 28753

Received from Lehigh Wilkes Barre Coal Co. By 21st St. Station Dept.

Quantity	Description of Material.	Weight	Account to be Charged
	555 50/100 tons Wilkes-Barre broken coal B/L wt accepted Boat Columbia Our wt 559 00/100 tons		

Order No.....Paid .....$..... Date of this Voucher 5/5..1919 — Gas Production
Requisition No....Deduct Yes / No $..... Date Material Received 5/3..1919
Emergency No.... Car No.....Entered.....Approved...T. S. Garlow...Supt.

Vouchers Must Reach Accounting Dept. 48 Hours After Material is Received.

T B Form 132 400 D 4x1 5-13

CONSOLIDATED GAS COMPANY OF NEW YORK

No. 28753

Received from Lehigh Wilkes Barre Coal Co. By 21st St. Station Dept.

Quantity Description of Material Weight Account to be Charged
555 50/100 tons Wilkes-Barre broken coal
B/L wt accepted Boat Columbia
Our wt 559 00/100 tons

Order No..... Paid .....$..... Date of this Voucher 5/5..1919
Requisition No... Deduct Yes / No $..... Date Material Received 5/3..1919
Emergency No.... Car No.....Entered.....Approved...T. S. Garlow...Supt.

Vouchers Must Reach Accounting Dept. 48 Hours After Material is Received.

Voucher No. 6700. Paid May 22, 1918. By check No. 3425.

Date of Invoice, April 29, 1919.

CONSOLIDATED GAS COMPANY OF NEW YORK,
General Office, 130 East 15th Street, near Irving Place.

Lehigh & Wilkes-Barre Coal Co.,
Address, 16 So. River Street, Wilkes-Barre, Pa.

Items
Posted in Sundry Creditors Ledger, folio 87.
Please give order number, details of charges, and state where material was delivered, or work done.

Audited May 16, 1919.
F. H., Auditor.

Order No.	Date of delivery or work done			
B-L 555 10/20 tons	April 29	555.10 tons W-B Broken Coal @ $7.70	4,277.35	
		Water Frt. @ .45.....	249.98	
		War Tax 3%	38.33	$4,565.66

Original destroyed.
Shipped to 21st St., E. River, N. Y.
Bt. Columbus, B/L 536
Passed for Payment
May 27, 1919.
Executive Committee

Ret'd to Acc't'g Dep't
Rec'd by Pur'g Dep't
Jan. 7 1918

Rec'd by Acc't'g Dep't
Prices Checked by .....
Prices Correct—W. S.

Receipt Voucher agrees with Invoice....Extensions and Footings Correct—C. C.
Entered in Contract Book—W. S. Checked Against Order.....Indexed.....
Deductions Checked and Found Correct .....
Classification Checked—J. C.

Amounts charged	Voucher Checked—K. & J. Branch or Station	Amount
Coal	21 Sta.	5,008.93

CONSOLIDATED GAS COMPANY OF NEW YORK

Received from Lehigh Wilkes Barre Coal Co. By 21st St. Station Dept.

Qunatity	Description of Material	Weight	Account to be Charged
760	66/100 tons Wilkes-Barre broken coal B/L wt accepted—Boat Elizabeth Wt. Accepted Not weighed		

Gas Production

Order No..... Paid .....$..... Date of this Voucher 1/12..1918
Requisition No... Deduct Yes ($..... Date Material Received 1/10..1918
Emergency No.... No) Approved...T. S. Garlow...Supt.
Car No.....Entered.....
Vouchers Must Reach Accounting Dept. 48 Hours After Material is Received

DEFENDANT'S EXHIBIT AA24.

Schedule showing all back withdrawals from manufacturing plant contained in the Complainant's Exhibit 376. Not printed here.

DEFENDANT'S EXHIBIT AA25.

Teele's working sheets endorsed "Schedules of real estate taxes 1906-1917, and distribution thereof between gas and non-gas; spread on record, page 7628 of testimony. Not printed here.

DEFENDANT'S EXHIBIT AA26.

Statement of Mr. O'Brien in reference to comment made by the master in the record of November 20th. Not printed.

DEFENDANT'S EXHIBIT AA27.

Printed at page 17552.

DEFENDANT'S EXHIBIT AA28.

Miller's rate of pay in construction department of Consolidated Gas Co. Not printed.

DEFENDANT'S EXHIBIT AA29.

Miller's notes of unit cost of new construction on a sub-contract basis. Not printed.

DEFENDANT'S EXHIBIT AA30.

Prices paid by Bartlett-Hayward Co. for labor. Not printed.

DEFENDANT'S EXHIBIT AA31.

Miller's prices of various classes of labor at various periods. Not printed.

DEFENDANT'S EXHIBIT AA32

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION—1906 TO 1917 INCLUSIVE

Summary

1906	Folio 2	5,112,291.86
1907	Folio 4	6,058,840.90
1908	Folio 6	5,953,121.25
1909	Folio 10	5,673,368.28
1910	Folio 14	5,842,191.62
1911	Folio 18	5,882,640.83
1912	Folio 23	6,265,758.53
1913	Folio 27	6,637,193.66
1914	Folio 32	7,021,977.36
1915	Folio 37	5,920,040.17
1916	Folio 42	6,496,804.33
1917	Folio 46	8,328,110.89

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION—1906

Ledger Folio			
806	Gas Production—14th Street Station	483,809.39	
790	Gas Production—21st Street Station	1,395,073.57	
795	Gas Production—42nd Street Station	316,553.89	
799	Gas Production—44th Street Station	683,069.68	
804	Gas Production—99th Street Station	317,370.24	*3,195,876.77
217	Gas manufactured for our account		1,125,517.34
225	Repairs to Apparatus—14th Street Station	44,529.50	
237	Repairs to Apparatus—21st Street Station	64,517.05	
243	Repairs to Apparatus—42nd Street Station	24,370.18	
251	Repairs to Apparatus—44th Street Station	19,516.63	
254	Repairs to Apparatus—99th Street Station	10,269.65	163,203.01
258	Repairs to Buildings—14th Street Station	5,005.55	
263	Repairs to Buildings—21st Street Station	12,781.59	
265	Repairs to Buildings—42nd Street Station	4,456.37	
267	Repairs to Buildings—44th Street Station	2,998.80	
268	Repairs to Buildings—99th Street Station	3,589.57	28,831.88
271	Repairs to Tools and Implements—14th Street Station	5,611.80	
274	Repairs to Tools and Implements—21st Street Station	5,597.38	
276	Repairs to Tools and Implements—42nd Street Station	4,478.05	
278	Repairs to Tools and Implements—44th Street Station	1,870.49	
280	Repairs to Tools and Implements—99th Street Station	616.51	18,174.23
283	Expense—14th Street Station	8,533.64	
289	Expense—21st Street Station	20,095.22	
292	Expense—42nd Street Station	10,419.94	
295	Expense—44th Street Station	8,467.27	
298	Expense—99th Street Station	6,229.88	53,745.95
302	Distribution—14th Street Station	13,761.11	
303	Distribution—21st Street Station	15,684.49	
305	Distribution—42nd Street Station	2,086.66	
307	Distribution—44th Street Station	1,839.15	
308	Distribution—99th Street Station	1,769.55	35,140.96

*After deducting Residuals produced Less Expense (See next sheet)

Ledger Folio			
317	Distributing Stations Expense—18th Street Station	15,159.14	
322	Distributing Stations Expense—63rd Street Station	10,246.43	
32[illegible]	Distributing Stations Expense—65th Street Station	10,654.35	
330	Distributing Stations Expense—111th Street Station	16,011.45	
335	Distributing Stations Expense—Inwood Station	929.74	53,001.1[illegible]
	Amount forward		4,673,491.2[illegible]

Ledger Folio			
	Amount brought forward		4,673,491.2[illegible]
	Add: Residuals produced less expense credited on ledger to "Gas Production" but shown as separate item on Exhibit No. 366 under Revenues:		
806	14th Street Station	207,560.85	
790	21st Street Station	36,705.40	
795	42nd Street Station	175,493.96	
799	44th Street Station	14,541.33	
804	99th Street Station	3,260.32	437,561.8[illegible]
	Profit and Loss item applicable to 1906:		
A1172 Led. 1918	Gas Production—14th Street Station—1905 to 1917 Inclusive	15,628.61	
	Less: Applicable to other years	14,389.86	1,238.7[illegible]
	Total per Exhibit No. 366		5,112,291.8[illegible]

CONSOLIDATED GAS COMPANY

Cost of Production—1907

Ledger Folio			
241	Gas Production—14th Street Station	140,322.94	
248	Gas Production—21st Street Station	1,510,424.09	
254	Gas Production—42nd Street Station	150,399.73	
259	Gas Production—44th Street Station	629,478.90	
264	Gas Production—99th Street Station	326,248.54	*2,756,874.2[illegible]
268	Gas Manufactured for our account		2,709,622.9[illegible]
273	Repairs to Apparatus—14th Street Station	26,822.89	
286	Repairs to Apparatus—21st Street Station	47,573.91	
292	Repairs to Apparatus—42nd Street Station	19,330.69	
301	Repairs to Apparatus—44th Street Station	20,998.93 2,509.22	
304	Repairs to Apparatus—99th Street Station	8,257.76	
26	Repairs to Apparatus—21st Street Station—Gen'r Sets	8,897.57	
32	Repairs to Apparatus—21st Street Station—Gen'r Sets	3,608.32	
33	Repairs to Apparatus—21st Street Station—Gen'r Sets	6,742.41	
38	Repairs to Apparatus—21st Street Station—Gen'r Sets	8,768.65	
44	Repairs to Apparatus—21st Street Station—Gen'r Sets	6,745.24	160,255.5[illegible]

*After deducting Residuals Produced less Expense (see next sheet)

Ledger Folio			
308	Repairs to Buildings—14th Street Station..	2,254.30	
313	Repairs to Buildings—21st Street Station..	13,643.85	
315	Repairs to Buildings—42nd Street Station..	2,926.88	
317	Repairs to Buildings—44th Street Station..	2,834.83	
318	Repairs to Buildings—99th Street Station..	1,793.59	23,453.45
320	Repairs to Tools and Implements—14th Street Station	3,382.70	
324	Repairs to Tools and Implements—21st Street Station	6,389.56	
327	Repairs to Tools and Implements—42nd Street Station	3,843.58	
329	Repairs to Tools and Implements—44th Street Station	1,787.90	
330	Repairs to Tools and Implements—99th Street Station	749.84	16,153.58
333	Expense—14th Street Station	8,427.08	
338	Expense—21st Street Station	22,137.37	
341	Expense—42nd Street Station	6,971.73	
349	Expense—44th Street Station	9,521.38	
348	Expense—99th Street Station	6,725.77	53,783.33
352	Distribution—14th Street Station	14,241.36	
353	Distribution—21st Street Station	13,672.35	
355	Distribution—42nd Street Station	2,026.63	
357	Distribution—44th Street Station	1,973.34	
358	Distribution—99th Street Station	1,885.80	33,799.48
368	Distributing Stations Expense—18th Street Station	20,976.64	
386	Distributing Stations Expense—63rd Street Station	18,091.82	
387	Distributing Stations Expense—65th Street Station	14,205.33	
381	Distributing Stations Expense—111th Street Station	17,723.64	
385	Distributing Stations Expense—Inwood Station	1,020.97	
306	Distributing Stations Expense—132nd Street Station	1,940.00	73,958.40
	Amount forward		5,827,900.11
	Amount brought forward		5,827,900.11
	Add: Residuals Produced less Expense, credited on Ledger to Gas Production but shown as separate item on Exhibit No. 366 under Revenues:		
241	14th Street Station	86,305.14	
248	21st Street Station	51,625.58	
254	42nd Street Station	66,468.66	
259	44th Street Station	20,463.95	
264	99th Street Station	4,838.71	229,702.04
	Profit and Loss item applicable to 1907:		
A1172 Led. 1918	Gas Production 14th Street Station 1905 to 1917 inclusive	15,628.61	
	Less: Applicable to other years	14,389.86	1,238.75
	Total per Exhibit No. 366		6,058,840.90

CONSOLIDATED GAS COMPANY.

COST OF PRODUCTION—1908.

Ledger Folio			
884	Gas Production—14th Street Station.....	91,693.63	
883	Gas Production—21st Street Station.....	1,315,238.51	
886	Gas Production—42nd Street Station.....	145,953.11	
885	Gas Production—44th Street Station.....	573,447.22	
888	Gas Production—99th Street Station.....	323,052.27	*2,449,384.74
312	Gas Manufactured for our account.....		2,985,042.50
42	Repairs to Apparatus—Generator Set.....	16,347.90	
43	Repairs to Apparatus—Sundry Items.....	6,079.51	
318	Repairs to Apparatus—14th Street Station	20,721.73	
330	Repairs to Apparatus—21st Street Station	45,662.91	
336	Repairs to Apparatus—42nd Street Station	19,245.80	
343	Repairs to Apparatus—44th Street Station	29,427.77	
347	Repairs to Apparatus—99th Street Station	13,296.80	150,782.42
357	Repairs to Buildings—14th Street Station	4,220.08	
362	Repairs to Buildings—21st Street Station	11,083.56	
364	Repairs to Buildings—42nd Street Station	6,218.75	
366	Repairs to Buildings—44th Street Station	3,119.55	
367	Repairs to Buildings—99th Street Station	2,703.65	27,345.59
369	Repairs to Tools and Implements—14th Street Station	3,405.53	
373	Repairs to Tools and Implements—21st Street Station	5,133.82	
376	Repairs to Tools and Implements—42nd Street Station	3,376.63	
378	Repairs to Tools and Implements—44th Street Station	2,054.45	
379	Repairs to Tools and Implements—99th Street Station	810.73	14,781.16
382	Station Expense—14th street Station.....	7,434.45	
387	Station Expense—21st Street Station.....	21,278.74	
397	Station Expense—42nd Street Station.....	6,554.20	
393	Station Expense—44th Street Station.....	9,683.23	
396	Station Expense—99th Street Station.....	7,241.23	52,191.85
401	Station Distribution—14th Street Station...	15,467.88	
402	Station Distribution—21st Street Station...	12,901.92	
404	Station Distribution—42nd Street Station..	2,079.15	
406	Station Distribution—44th Street Station..	1,979.10	
408	Station Distribution—99th Street Station..	1,888.26	34,316.31
417	Distributing Stations Expense—18th Street Station	20,062.12	
423	Distributing Stations Expense—63rd Street Station	17,363.19	
430	Distributing Stations Expense—65th Street Station	12,281.75	
436	Distributing Stations Expense—111th Street Station	18,513.36	
439	Distributing Stations Expense—Inwood Station	1,108.49	
347	Distributing Stations Expense—132nd Street Station	1,188.03	70,516.94
	Amount forward		5,784,361.51

*After deducting Residuals Produced less Expense (see next sheet)

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION—1908 (Concluded)

Ledger Folio			
	Amount brought forward		5,784,361.51
	Add: Residuals produced, less Expense, credited on Ledger to Gas Production but shown as separate item on Exhibit No. 366 under Revenues:		
884	14th Street Station	89,697.63	
883	21st Street Station	23,582.32	
886	42nd Street Station	62,982.00	
885	44th Street Station	6,988.41	
888	99th Street Station	4,467.32	187,717.68
	Profit and Loss Items applicable to 1908:		
A1172 Led. 1918	Gas Production—14th Street Station, 1905 to 1917 inclusive	15,628.61	
	Less: Applicable to other years	14,389.86	1,238.75
			5,973,317.94
	Deduct: Profit and Loss Item applicable to 1908:		
1088 Led. 1909	Adjustment of Coal and Coke Inventory December 31, 1908		20,196.69
	Total per Exhibit No. 366		5,953,121.25

CONSOLIDATED GAS COMPANY.

COST OF PRODUCTION—1909

Ledger Folio			
460	Gas Production—14th Steet Station	201,891.65	
465	Gas Production—42nd Street Station	230,119.83	
470	Gas Production—21st Street Station	1,254,590.74	
476	Gas Production—44th Street Station	526,659.57	
480	Gas Production—99th Street Station	291,098.44	2,504,360.23
484	Miscellaneous Works Expense—14th Street Station	9,754.60	
488	Miscellaneous Works Expense—42nd Street Station	11,131.09	
493	Miscellaneous Works Expense—21st Street Station	34,814.76	
498	Miscellaneous Works Expense—44th Street Station	14,475.07	
501	Miscellaneous Works Expense—99th Street Station	9,296.09	79,471.61
503	Repairs to Works and Station Structures—14th Street Station	10,275.52	
504	Repairs to Works and Station Structures—42nd Street Station	10,118.24	
507	Repairs to Works and Station Structures—21st Street Station	16,526.23	
510	Repairs to Works and Station Structures—44th Street Station	5,282.99	
512	Repairs to Works and Station Structures—99th Street Station	3,024.85	
514	Repairs to Works and Station Structures—18th Street Station	4,984.57	

Ledger Folio			
514	Repairs to Works and Station Structures—63rd Street Station	97.61	
515	Repairs to Works and Station Structures—65th Street Station	764.31	
515	Repairs to Works and Stations Structures—111th Street Station	170.78	
517	Repairs to Works and Station Structures—132nd Street Station	33.00	
517	Repairs to Works and Station Structures—Inwood Station	7.25	51,26[illegible]
518	Repairs to Furnace, Boilers & Accessories—14th St. Station	1,345.55	
519	Repairs to Furnace, Boilers & Accessories—42nd St. Station	1,453.44	
525	Repairs to Furnace, Boilers & Accessories—21st St. Station	8,288.98	
525	Repairs to Furnace, Boilers & Accessories—44th St. Station	3,813.42	
522	Repairs to Furnace, Boilers & Accessories—99th St. Station	1,855.71	
523	Repairs to Furnace, Boilers & Accessories—18th St. Station	205.41	
523	Repairs to Furnace, Boilers & Accessories—63rd St. Station	169.70	
524	Repairs to Furnace Boilers & Accessories—65th St. Station	403.86	
524	Repairs to Furnace Boilers & Accessories—111th St. Station	566.87	
525	Repairs to Furnace, Boilers & Accessories—Inwood Station	10.88	18,11[illegible]
526	Repairs to Steam Engines—14th Street Station	167.91	
526	Repairs to Steam Engines—42nd Street Station	55.01	
527	Repairs to Steam Engines—21st Street Station	1,309.53	
528	Repairs to Steam Engines—44th Street Station	188.53	
528	Repairs to Steam Engines—99th Street Station	81.95	
529	Repairs to Steam Engines—65th Street Station	18.84	
529	Repairs to Steam Engines—111th Street Station	70.39	1,97[illegible]
530	Repairs to Misc. Power Plant Equipment—14th Street Station	94.77	
530	Repairs to Misc. Power Plant Equipment—42nd Street Station	11.67	
531	Repairs to Misc. Power Plant Equipment—21st Street Station	1,958.63	
532	Repairs to Misc. Power Plant Equipment—44th Street Station	570.03	
532	Repairs to Misc. Power Plant Equipment—99th Street Station	177.76	2,80[illegible]
	Amount forward		2,65[illegible]

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION—1909. (*Continued*)

Ledger Folio			
	Amount brought forward		2,658,006.03
536	Repairs to Benches and Retorts..14th Street Station	4,655.17	
536	Repairs to Benches and Retorts—42nd Street Station	3,922.15	8,577.32
543	Repairs to Water Gas Sets & Accessories—21st Street Station	21,571.23	
547	Repairs to Water Gas Sets & Accessories—44th Street Station	14,777.71	
548	Repairs to Water Gas Sets & Accessories—99th Street Station	5,986.32	42,335.26
551	Repairs to Purification Apparatus—14th Street Station	1,402.72	
550	Repairs to Purification Apparatus—42nd Street Station	259.70	
552	Repairs to Purification Apparatus—21st Street Station	3,013.39	
553	Repairs to Purification Apparatus—44th Street Station	812.78	
553	Repairs to Purification Apparatus—99th Street Station	369.33	5,857
554	Repairs to Holders—14th Street Station	2,090.74	
554	Repairs to Holders—42nd Street Station	654.22	
555	Repairs to Holders—21st Street Station	3,531.38	
555	Repairs to Holders—44th Street Station	441.48	
556	Repairs to Holders—99th Street Station	356.75	
556	Repairs to Holders—18th Street Station	347.81	
557	Repairs to Holders—63rd Street Station	368.11	
557	Repairs to Holders—65th Street Station	2,229.90	
557	Repairs to Holders—111th Street Station	1,900.50	
573	Repairs to Holders—132nd Street Station	2,704.25	14,625.64
567	Repairs to Miscellaneous Equipment—14th Street Station	4,828.73	
559	Repairs to Miscellaneous Equipment—42nd Street Station	3,315.77	
566	Repairs to Miscellaneous Equipment—21st Street Station	13,264.01	
567	Repairs to Miscellaneous Equipment—44th Street Station	2,679.89	
568	Repairs to Miscellaneous Equipment—99th Street Station	1,676.54	
565	Repairs to Miscellaneous Equipment—18th Street Station	1,131.75	
563	Repairs to Miscellaneous Equipment—63rd Street Station	36.22	
564	Repairs to Miscellaneous Equipment—65th Street Station	10.19	
564	Repairs to Miscellaneous Equipment—111th Street Station	53.32	
566	Repairs to Miscellaneous Equipment—Inwood Station	16.32	27,012.74
575	Repairs to Works Tools—14th Street Station	3,014.04	
577	Repairs to Works Tools—42nd Street Station	3,077.78	

Ledger Folio			
581	Repairs to Works Tools—21st Street Station	4,886.26	
584	Repairs to Works Tools—44th Street Station	2,047.79	
586	Repairs to Works tools—99th Street Station	1,137.53	
589	Repairs to Works Tools—18th Street Station	340.85	
591	Repairs to Works Tools—63rd Street Station	1.77	
591	Repairs to Works Tools—65th Street Station	5.08	
592	Repairs to Works Tools—111th Street Station	35.05	1458
	Amount forward		27709
	Amount brought forward		27709
594	Station Distribution—14th Street Station	14,082.07	
595	Station Distribution—42nd Street Station	2,073.50	
597	Station Distribution—21st Street Station	11,143.54	
599	Station Distribution—44th Street Station	1,973.70	
600	Station Distribution—99th Street Station	1,896.12	31
608	Gas Storage—18th Street Station	18,942.99	
615	Gas Storage—63rd Street Station	14,150.13	
621	Gas Storage—65th Street Station	10,973.83	
626	Gas Storage—111th Street Station	16,714.38	
602	Gas Storage—Inwood Station	1,118.82	61
630	Gas from other sources		2,853
			5,717
	Add: Profit and Loss Items applicable to 1909:		
1112 Led. 1910	Adjustment of Gas from other sources		1
1112 Led. 1910	Adjustment of Gas from other sources		66
1024 Led. 1913	Adjustment of Gas from other sources 1909 to 1912 inclusive	9,105.50	
	Less: Applicable to other years	7,110.84	1,9
1023 Led. 1914	Repairs to Holders	P	3
A1172 Led. 1918	Gas Production—14th Street Station 1905 to 1917 inclusive	15,628.61	
	Less: Applicable to other years	14,389.86P	1,23
	Amount forward		5,722
Ledger Folio			
	Amount brought forward		5,722
	Deduct: Profit and Loss Items applicable to 1909:		
1112 Led. 1910	Adjustment of Gas from other sources		59
			5,663
	Adjustment added to Revenues (Gas Residuals Produced)		9
	Total per Exhibit No. 366		5,673

CONSOLIDATED GAS COMPANY

Cost of Productions—1910

Ledger Folio			
32	Gas Production—14th Street Station	204,268.11	
33	Gas Production—42nd Street Station	228,261.82	
34	Gas Production—21st Street Station	1,270,711.34	
35	Gas Production—44th Street Station	566,135.78	
37	Gas Production—99th Street Station	294,528.59	2,563,905.64
38	Miscellaneous Works Expense—14th Street Station	11,171.76	
39	Miscellaneous Works Expense—42nd Street Station	8,885.61	
41	Miscellaneous Works Expense—21st Street Station	37,644.21	
42	Miscellaneous Works Expense—44th Street Station	17,513.03	
42	Miscellaneous Works Expense—99th Street Station	9,348.17	84,562.78
44	Repairs to Works & Station Structures—14th St. Station	5,987.59	
45	Repairs to Works & Station Structures—42nd St. Station	4,369.79	
47	Repairs to Works & Station Structures—21st St. Station	12,275.01	
49	Repairs to Works & Station Structures—44th St. Station	5,190.98	
51	Repairs to Works & Station Structures—99th St. Station	2,901.61	
52	Repairs to Works & Station Structures—18th St. Station	2,040.97	
53	Repairs to Works & Station Structures—63rd St. Station	431.43	
58	Repairs to Works & Station Structures—65th St. Station	2,348.61	
60	Repairs to Works & Station Structures—111th St. Station	625.11	
60	Repairs to Works & Station Structures—Inwood Station	5.50	36,176.60
65	Repairs to Furnaces, Boilers & Accessories—14th St. Station	810.54	
67	Repairs to Furnaces, Boilers & Accessories—42nd St. Station	727.66	
68	Repairs to Furnaces, Boilers & Accessories—21st St. Station	18,384.27	
69	Repairs to Furnaces, Boilers & Accessories—44th St. Station	5,574.49	
70	Repairs to Furnaces, Boilers & Accessories—99th St. Station	3,014.34	
74	Repairs to Furnaces, Boilers & Accessories—18th St. Station	510.34	
64	Repairs to Furnaces, Boilers & Accessories—63rd St. Station	120.15	
68	Repairs to Furnaces, Boilers & Accessories—65th St. Station	156.49	
66	Repairs to Furnaces, Boilers & Accessories—111th St. Station	661.80	
66	Repairs to Furnaces, Boilers & Accessories—Inwood Station	1.62	29,961.61
67	Repairs to Steam Engines—14th Street Station	213.83	

Ledger Folio			
498	Repairs to Steam Engines—42nd Street Station	5.65	
499	Repairs to Steam Engines—21st Street Station	1,250.72	
500	Repairs to Steam Engines—44th Street Station	130.16	
502	Repairs to Steam Engines—99th Street Station	119.54	
502	Repairs to Steam Engines—18th Street Station	13.20	
503	Repairs to Steam Engines—63rd Street Station	7.10	
504	Repairs to Steam Engines—111th Street Station	8.28	1,734.6
505	Repairs to Misc. Power Plant Equipment—14th St. Station	68.91	
506	Repairs to Misc. Power Plant Equipment—42nd St. Station	5.28	
508	Repairs to Misc. Power Plant Equipment—21st St. Station	932.74	
509	Repairs to Misc. Power Plant Equipment—44th St. Station	196.00	
510	Repairs to Misc. Power Plant Equipment—99th St. Station	34.61	
510	Repairs to Misc. Power Plant Equipment—18th St. Station	17.00	1,254.5
	Amount forward		2,717.69
	Amount brought forward		2,717.69
Ledger Folio			
514	Repairs to Benches and Retorts—14th Street Station	10,996.41	
516	Repairs to Benches and Retorts—42nd Street Station	8,691.39	19,687.8
518	Repairs to Water Gas Sets & Accessories—21st St. Station	23,069.74	
521	Repairs to Water Gas Sets & Accessories—44th St. Station	13,436.26	
523	Repairs to Water Gas Sets & Accessories—99th St. Station	5,436.95	41,942.9
525	Repairs to Purification Apparatus—14th Street Station	817.55	
526	Repairs to Purification Apparatus—42nd Street Station	400.37	
528	Repairs to Purification Apparatus—21st Street Station	3,610.31	
530	Repairs to Purification Apparatus—44th Street Station	1,027.62	
532	Repairs to Purification Apparatus—99th Street Station	285.90	6,141.7
533	Repairs to Holders—14th Street Station	1,851.25	
537	Repairs to Holders—42nd Street Station	1,204.44	
535	Repairs to Holders—21st Street Station	3,278.53	
535	Repairs to Holders—44th Street Station	1,143.75	
536	Repairs to Holders—99th Street Station	645.39	
537	Repairs to Holders—18th Street Station	357.74	
538	Repairs to Holders—63rd Street Station	1,221.27	
538	Repairs to Holders—65th Street Station	4,259.68	

Ledger Folio			
539	Repairs to Holders—111th Street Station.	4,953.00	
540	Repairs to Holders—Inwood Station.....	9.44	18,923.89
542	Repairs to Miscellaneous Equipment—14th Street Station.....	6,060.56	
543	Repairs to Miscellaneous Equipment—42nd Street Station.....	4,236.90	
546	Repairs to Miscellaneous Equipment—21st Street Station.....	15,521.10	
552	Repairs to Miscellaneous Equipment—44th Street Station.....	4,504.20	
549	Repairs to Miscellaneous Equipment—99th Street Station.....	2,298.06	
550	Repairs to Miscellaneous Equipment—18th Street Station.....	2,712.77	
550	Repairs to Miscellaneous Equipment—63rd Street Station.....	788.24	
551	Repairs to Miscellaneous Equipment—65th Street Station.....	333.03	
551	Repairs to Miscellaneous Equipment—111th Street Station.....	545.77	
552	Repairs to Miscellaneous Equipment—Inwood Station	55.61	37,056.24
	Amount forward		2,841,362.28
	Amount brought forward.....		2,841,362.28
554	Repairs to Works Tools—14th Street Station	3,306.67	
556	Repairs to Works Tools—42nd Street Station	2,997.45	
559	Repairs to Works Tools—21st Street Station	5,131.64	
562	Repairs to Works Tools—44th Street Station	2,605.21	
564	Repairs to Works Tools—99th Street Station	1,302.86	
566	Repairs to Works Tools—18th Street Station	348.48	
567	Repairs to Works Tools—63rd Street Station	16.55	
567	Repairs to Works Tools—65th Street Station	12.42	
568	Repairs to Works Tools—111th Street Station	12.19	15,823.47
571	Station Distribution—14th Street Station...	14,524.01	
572	Station Distribution—42nd Street Station...	2,080.65	
573	Station Distribution—21st Street Station...	10,841.18	
574	Station Distribution—44th Street Station...	1,973.93	
575	Station Distribution—99th Street Station...	1,925.97	31,345.74
581	Gas Storage—18th Street Station.....	20,711.94	
587	Gas Storage—63rd Street Station.....	16,542.74	
593	Gas Storage—65th Street Station.....	12,069.70	
599	Gas Storage—111th Street Station.....	16,707.77	
603	Gas Storage—Inwood Station.....	995.41	67,027.56
			2,880,577.36
606	Gas from other sources.....		
			5,836,436.41

Ledger Folio				
	Add:	Profit and Loss Items applicable in 1910:		
955	Led. 1911	Adjustment of Gas from other sources.....		137.66
1024	Led. 1913	Adjustment of Gas from other sources 1909 to 1912 inclusive.	9,105.50	
		Less: Applicable to other years	7,086.44	2,018.06
1108	Led. 1915	Repairs to Holders 1910 to 1914 inclusive	11,63..25	
		Less: Applicable to other years	9,27 .54	2,360.71
		Amount forward		5,840,952.83
		Amount brought forward.....		5,840,952.83
A1172	Led. 1918	Gas Production—14th Street Station 1905 to 1917 inclusive.....	15,628.61	
		Less: Applicable to other years	14,39.86	1,238.75
		Total per Exhibit No. 306.....		5,842,191.02

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION—1911

Ledger Folio			
368	Gas Production—14th Street Station.....	195,26.88	
372	Gas Production—42nd Street Station.....	227,84.34	
377	Gas Production—21st Street Station.....	1,318,50.78	
383	Gas Production—44th Street Station.....	566,70.24	
397	Gas Production—99th Street Station.....	268,56.01	2,576,338.25
880	Miscellaneous Works Expense—14th Street Station	11,02.07	
880	Miscellaneous Works Expense—42nd Street Station	7,52.80	
880	Miscellaneous Works Expense—21st Street Station	34,17.68	
880	Miscellaneous Works Expense—44th Street Station	15,25.36	
880	Miscellaneous Works Expense—99th Street Station	9,76.02	78,883.93
448	Repairs Works & Station Structures—14th St. Station	7,37.67	
448	Repairs Works & Station Structures—42nd St. Station	4,43.37	
448	Repairs Works & Station Structures—21st St. Station	13,64.65	
448	Repairs Works & Station Structures—44th St. Station	3,02.54	
448	Repairs Works & Station Structures—99th St. Station	3,30.79	
467	Repairs Works & Station Structures—19th St. Station	1,93.58	
467	Repairs Works & Station Structures—63rd St. Station	3,78.04	
467	Repairs Works & Station Structures—65th St. Station	4,28.59	
467	Repairs Works & Station Structures—111th St. Station	4,09.97	
467	Repairs Works & Station Structures—Inwood Station	21.01	37,910.24
476	Repairs Furnaces, Boilers & Accessories—14th St. Station.....	1,526.46	
476	Repairs Furnaces, Boilers & Accessories—42nd St. Station.....	727.23	

Ledger Folio			
476	Repairs Furnaces, Boilers & Accessories—21st St. Station	9,627.46	
476	Repairs Furnaces, Boilers & Accessories—44th St. Station	4,735.05	
476	Repairs Furnaces, Boilers & Accessories—99th St. Station	2,135.01	
415	Repairs Furnaces, Boilers & Accessories—18th St. Station	479.63	
415	Repairs Furnaces, Boilers & Accessories—63rd St. Station	545.28	
415	Repairs Furnaces, Boilers & Accessories—65th St. Station	81.90	
	Amounts forward	20,858.02	2,693,132.39
	Amounts brought forward	20,858.02	2,693,132.39
415	Repairs Furnaces, Boilers & Accessories—111th St. Station	678.31	21,536.33
419	Repairs Steam Engines—14th Street Station	140.51	
419	Repairs Steam Engines—42nd Street Station	121.45	
419	Repairs Steam Engines—21st Street Station	1,186.97	
419	Repairs Steam Engines—44th Street Station	362.16	
419	Repairs Steam Engines—99th Street Station	115.47	
421	Repairs Steam Engines—18th Street Station	13.20	
421	Repairs Steam Engines—63rd Street Station	45.76	
421	Repairs Steam Engines—65th Street Station	35.96	
421	Repairs Steam Engines—111th Street Station	39.99	2,061.47
427	Repairs Misc. Power Plant Equipment—14th Street Station	125.53	
427	Repairs Misc. Power Plant Equipment—42nd Street Station	83.42	
427	Repairs Misc. Power Plant Equipment—21st Street Station	2,320.38	
427	Repairs Misc. Power Plant Equipment—44th Street Station	40.21	
427	Repairs Misc. Power Plant Equipment—99th Street Station	190.55	2,760.09
434	Repairs Benches and Retorts—14th Street Station	15,086.55	
436	Repairs Benches and Retorts..42nd Street Station	5,415.85	20,502.40
438	Repairs Water Gas Sets & Accessories—21st Street Station	22,648.45	
442	Repairs Water Gas Sets & Accessories—44th Street Station	14,339.30	
444	Repairs Water Gas Sets & Accessories—99th Street Station	6,077.43	43,065.18
447	Repairs Purification Apparatus—14th Street Station	1,437.83	

Ledger Folio			
447	Repairs Purification Apparatus—42nd Street Station	198.18	
447	Repairs Purification Apparatus—21st Street Station	1,343.87	
447	Repairs Purification Apparatus—44th Street Station	389.10	
447	Repairs Purification Apparatus—99th Street Station	5,422.61	8,791.3
455	Repairs Holders—14th Street Station	1,259.03	
455	Repairs Holders—42nd Street Station	2,203.38	
	Amounts forward	3,462.41	2,791,849.4
	Amounts brought forward	3,462.41	2,791,849.4
455	Repairs Holders (Con.)—21st Street Station	2,328.73	
455	Repairs Holders (Con.)—44th Street Station	802.11	
455	Repairs Holders (Con.)—99th Street Station	596.40	
480	Repairs Holders (Con.)—18th Street Station	792.53	
480	Repairs Holders (Con.)—63rd Street Station	2,660.35	
480	Repairs Holders (Con.)—65th Street Station	7,936.32	
480	Repairs Holders (Con.)—111th Street Station	7,954.19	
480	Repairs Holders (Con.)—Inwood Station.	79.24	26,612.2
430	Repairs Miscellaneous Equipment—14th Street Station	3,011.89	
430	Repairs Miscellaneous Equipment—42nd Street Station	2,410.86	
430	Repairs Miscellaneous Equipment—21st Street Station	26,193.73	
430	Repairs Miscellaneous Equipment—44th Street Station	2,472.11	
430	Repairs Miscellaneous Equipment—99th Street Station	2,739.58	
467	Repairs Miscellaneous Equipment—18th Street Station	1,575.04	
467	Repairs Miscellaneous Equipment—63rd Street Station	250.11	
467	Repairs Miscellaneous Equipment—65th Street Station	167.78	
467	Repairs Miscellaneous Equipment—111th Street Station	412.96	
467	Repairs Miscellaneous Equipment—Inwood Station	17.96	39,252.0
475	Repairs Works Tools—14th Street Station.	3,904.60	
475	Repairs Works Tools—42nd Street Station.	2,805.39	
475	Repairs Works Tools—21st Street Station.	4,213.14	
475	Repairs Works Tools—44th Street Station.	1,806.26	
475	Repairs Works Tools—99th Street Station.	1,189.11	
479	Repairs Works Tools—18th Street Station.	814.01	
479	Repairs Works Tools—63rd Street Station.	6.53	
479	Repairs Works Tools—65th Street Station.	29.38	
479	Repairs Works Tools—111th Street Station	18.62	14,787.0
	Amounts forward		2,872,500.7

Ledger Folio			
	Amount brought forward.....		2,872,500.79
483	Station Distribution—14th Street Station..	14.514.71	
483	Station Distribution—42nd Street Station..	2,152.69	
483	Station Distribution—21st Street Station..	10,749.39	
483	Station Distribution—44th Street Station..	2,100.20	
483	Station Distribution—99th Street Station..	2,054.12	31,571.11
489	Gas Storage—18th Street Station.....	20,419.19	
508	Gas Storage—63rd Street Station.....	15,993.23	
499	Gas Storage—65th Street Station.....	10,566.77	
504	Gas Storage—111th Street Station.....	14,195.20	
507	Gas Storage—Inwood Station.....	1,140.01	62,314.40
510	Gas from other sources.....		2,916,696.51
			5,883,082.81
	Add: Profit and Loss Items applicable to 1911:		
1024	Led. 1913 Adjustment of Gas from other sources	9.105.50	
	Less: Applicable to other years.....	7,089.41	2,016.09
1024	Led. 1913 Use of 48" Main under Harlem River		832.88
1108	Led. 1915 Repairs Holders 1910 to 1914 inclusive	11,632.25	
	Less: Applicable to other years.....	9,536.68	2,095.57
A1172	Led. 1918 Gas Production—14th Street Station 1905 to 1917 inclusive.....	15,628.61	
	Less: Applicable to other years.....	14,389.86	1,238.75
			5,889,266.10
	Deduct: Profit and Loss Items applicable to 1911:		
1024	Led. 1913 Adjustment of Gas from other sources 1911 and 1912.....	9,293.44	
	Less: Applicable to 1912.....	4,646.72	
		4,646.72	
1112	Led. 1912 Adjustment of Gas from other sources	1,978.55	6,625.27
	Total per Exhibit No. 366.....		5,882,640.83

CONSOLIDATED GAS COMPANY

Cost of Production

1912

473	Gas Production—14th Street Station.....	196,320.96	
481	Gas Production—42nd Street Station.....	239,737.19	
491	Gas Production—21st Street Station.....	1,230,542.68	
499	Gas Production—44th Street Station.....	551,213.25	
509	Gas Production—99th Street Station.....	304,100.23	2,521,914.31
654	Gas from Other Sources.....	.....	3,353,254.00
627	Station Distribution—14th Street Station.....	18,564.87	
627	Station Distribution—42nd Street Station....	2,622.12	
627	Station Distribution—21st Street Station.....	12,067.54	
627	Station Distribution—44th Street Station.....	2,637.90	
627	Station Distribution—99th Street Station.....	2,635.50	38,527.93
547	Miscellaneous Works Expense—14th Street Station	13,505.60	

Ledger Folio			
547	Miscellaneous Works Expense—42nd Street Station	7,878.21	
547	Miscellaneous Works Expense—21st Street Station	35,150.10	
547	Miscellaneous Works Expense—44th Street Station	16,336.93	
547	Miscellaneous Works Expense—99th Street Station	12,572.04	85,442.88
535	Repairs Works & Station Structures—14th Street Station	11,579.59	
535	Repairs Works & Station Structures—42nd Street Station	6,190.61	
535	Repairs Works & Station Structures—21st Street Station	11,784.51	
535	Repairs Works & Station Structures—44th Street Station	4,360.87	
535	Repairs Works & Station Structures—99th Street Station	5,049.76	
539	Repairs Works & Station Structures—18th Street Station	1,202.11	
539	Repairs Works & Station Structures—63rd Street Station	620.72	
539	Repairs Works & Station Structures—65th Street Station	294.45	
539	Repairs Works & Station Structures—111th Street Station	1,322.35	
539	Repairs Works & Station Structures—Inwood Street Station	1.20	42,406.17
545	Repairs Furnace, Boilers & Accessories—14th Street Station	1,609.46	
545	Repairs Furnace, Boilers & Accessories—42nd Street Station	846.60	
	Amounts forward	2,456.06	6,041,545.29

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION

	Amounts brought forward	2,456.06	6,041,545.29
545	Repairs Furnace, Boilers & Accessories—21st Street Station	10,189.15	
545	Repairs Furnace, Boilers & Accessories—44th Street Station	4,364.75	
545	Repairs Furnace, Boilers & Accessories—99th Street Station	3,332.26	
551	Repairs Furnace, Boilers & Accessories—18th Street Station	650.19	
551	Repairs Furnace, Boilers & Accessories—63rd Street Station	547.52	
551	Repairs Furnace, Boilers & Accessories—65th Street Station	37.23	
551	Repairs Furnace, Boilers & Accessories—111th Street Station	786.98	
551	Repairs Furnace, Boilers & Accessories—Inwood Street Station	5.50	22,369.64
555	Repairs Steam Engines—14th Street Station	53.01	
555	Repairs Steam Engines—42nd Street Station	86.25	
555	Repairs Steam Engines—21st Street Station	1,556.32	
555	Repairs Steam Engines—44th Street Station	956.94	
555	Repairs Steam Engines—99th Street Station	333.61	
557	Repairs Steam Engines—18th Street Station	34.36	

Ledger Folio			
557	Repairs Steam Engines—63rd Street Station..	16.94	
557	Repairs Steam Engines—65th Street Station..	18.36	
557	Repairs Steam Engines—111th Street Station	109.92	3,165.71
563	Repairs Misc. Power Plant Equipment—14th Street Station.....	65.71	
563	Repairs Misc. Power Plant Equipment—42nd Street Station.....	110.51	
563	Repairs Misc. Power Plant Equipment—21st Street Station.....	1,992.58	
563	Repairs Misc. Power Plant Equipment—44th Street Station.....	229.91	
563	Repairs Misc. Power Plant Equipment—99th Street Station.....	161.06	2,559.77
569	Repairs Benches & Retorts—14th Street Station	6,267.05	
572	Repairs Benches & Retorts—42nd Street Street	6,102.05	12,369.10
574	Repairs Water Gas Sets & Accessories—21st Street Station.....	22,817.12	
577	Repairs Water Gas Sets & Accessories—44th Street Station	11,095.21	
580	Repairs Water Gas Sets & Accessories—99th Street Station.....	6,008.92	39,921.25
	Amount forward.....		6,121,930.76

CONSOLIDATED GAS COMPANY

Cost of Production

	Amount brought forward.....		6,121,930.76
583	Repairs Purification Apparatus—14th Street Station	1,675.20	
583	Repairs Purification Apparatus—42nd Street Station	627.48	
583	Repairs Purification Apparatus—21st Street Station	2,577.37	
583	Repairs Purification Apparatus—44th Street Station	769.85	
583	Repairs Purification Apparatus—99th Street Station	929.08	6,578.98
587	Repairs Holders—14th Street Station.....	3,129.04	
587	Repairs Holders—42nd Street Station.....	2,741.65	
587	Repairs Holders—21st Street Station.....	2,315.06	
587	Repairs Holders—44th Street Station.....	970.21	
587	Repairs Holders—99th Street Station.....	611.23	
592	Repairs Holders—18th Street Station.....	576.23	
592	Repairs Holders—63rd Street Station.....	2,784.10	
592	Repairs Holders—65th Street Station.....	3,616.41	
592	Repairs Holders—111th Street Station.....	4,725.95	
592	Repairs Holders—Inwood Station.....	.93	
592	Repairs Holders—Kingsbridge Station.....	65.57	21,536.38
599	Repairs Misc. Equipment—14th Street Station	3,185.19	
599	Repairs Misc. Equipment—42nd Street Station	2,927.23	
599	Repairs Misc. Equipment—21st Street Station	16,397.80	
599	Repairs Misc. Equipment—44th Street Station	2,660.42	
599	Repairs Misc. Equipment—99th Street Station	2,071.93	
603	Repairs Misc. Equipment—18th Street Station	1,706.81	
603	Repairs Misc. Equipment—63rd Street Station	309.64	

Ledger Folio			
603	Repairs Misc. Equipment—65th Street Station	52.98	
603	Repairs Misc. Equipment—111th Street Station	264.49	
603	Repairs Misc. Equipment—Inwood Station..	11.75	
603	Repairs Misc. Equipment—Kingsbridge Station	108.00	29,696.24
	Amount forward		6,179,742.36
	Amount brought forward		6,179,742.36
611	Repairs Works Tools—14th Street Station..	3,179.74	
611	Repairs Works Tools—42nd Street Station..	2,422.45	
611	Repairs Works Tools—21st Street Station..	4,017.48	
611	Repairs Works Tools—44th Street Station..	2,345.20	
611	Repairs Works Tools—99th Street Station..	1,116.77	
615	Repairs Works Tools—18th Street Station..	635.83	
615	Repairs Works Tools—63rd Street Station..	27.71	
615	Repairs Works Tools—65th Street Station..	.84	
615	Repairs Works Tools—111th Street Station.	30.72	
615	Repiars Works Tools—Kingsbridge Street Station	22.00	13,798.74
633	Gas Storage—18th Street Station	20,225.47	
638	Gas Storage—63rd Street Station	19,669.31	
643	Gas Storage—65th Street Station	12,239.17	
644	Gas Storage—111th Street Station	14,718.08	
649	Gas Storage—Inwood Street Station	785.33	
639	Gas Storage—Kingsbridge Station	3,747.41	71,384.77
			6,264,925.87
	Add: Profit & Loss items applicable to 1912		
1024	Led. 1913 Adjustment of Gas from other sources 1909-1912 Incl.	9,105.50	
	Less: Applicable to other years	6,028.81	3,076.69
1024	Led. 1913 Adjustable of Gas from other sources		43,969.18
1108	Led. 1915 Repairs Holders 1910-1914 Inclusive	11,632.25	
	Less: Applicable to other years	8,374.59	3,257.66
A1172	Led. 1918 Gas Production—14th Street Station 1905-1917 Incl.	115,628.61	
	Less: Applicable to other years	14,389.86	1,238.75
	Amount forward		6,316,468.15
	Amount brought forward		6,316,468.15
	Deduct: Profit & Loss items applicable to 1912		
1024	Led. 1913 Adjustment of Gas from other Sources 1911 & 1912	9,293.44	
	Less: Applicable to 1911	4,646.72	
		4,646.72	
1024	Led. 1913 Adjustment of Gas from other Sources	45,566.94	
1023	Led. 1914 Adjustment of Gas from other Sources	495.96	50,709.62
	Total per Exhibit No. 366		6,265,758.53

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION

1913

Ledger Folio			
408	Gas Production—14th Street Station.....	196,457.73	
412	Gas Production—42nd Street Station.....	225,146.28	
418	Gas Production—21st Street Station.....	940,842.51	
421	Gas Production—44th Street Station.....	249,438.87	
427	Gas Production—99th Street Station.....	212,890.73	1,824,776.12
566	Gas from other Sources.....		4,443,282.43
535	Station Distribution—14th Street Station..	15,827.85	
535	Station Distribution—42nd Street Station..	2,615.65	
535	Station Distribution—21st Street Station..	17,824.79	
535	Station Distribution—44th Street Station..	1,820.69	
535	Station Distribution—99th Street Station..	2,808.59	40,897.57
443	Miscellaneous Works Expense—14th Street Station	11,733.36	
443	Miscellaneous Works Expense—42nd Street Station	7,543.59	
443	Miscellaneous Works Expense—21st Street Station	29,492.86	
443	Miscellaneous Works Expense—44th Street Station	8,355.53	
443	Miscellaneous Works Expense—99th Street Station	9,110.16	66,245.50
454	Repairs Works & Stat. Struct.—14th Street Station	6,434.27	
454	Repairs Works & Stat. Struct.—42nd Street Station	4,987.34	
454	Repairs Works & Stat. Struct—21st Street Station	9,852.79	
454	Repairs Works & Stat. Struct.—44th Street Station	3,264.02	
454	Repairs Works & Stat. Struct.—99th Street Station	6,294.23	
460	Repairs Works & Stat. Struct.—18th Street Station	2,085.08	
460	Repairs Works & Stat. Struct.—63rd Street Station	462.65	
460	Repairs Works & Stat. Struct.—65th Street Station	887.89	
460	Repairs Works & Stat. Struct.—111th Street Station	459.64	
460	Repairs Works & Stat. Struct.—Inwood Street Station.....	331.06	35,058.97
465	Repairs Furn. Boil. & Accessories—14th Street Station	1,077.83	
465	Repairs Furn. Boil. & Accessories—42nd Street Station.....	1,106.00	
	Amounts forward.....	2,183.83	6,410,260.59
	Amounts brought forward.....	2,183.83	6,410,260.59
465	Repairs Furn. Boil. & Access.—21st Street Station	7,140.80	
465	Repairs Furn. Boil. & Access.—44th Street Station	2,706.07	
465	Repairs Furn. Boil. & Access.—99th Street Station	2,370.09	
471	Repairs Furn. Boil. & Access.—18th Street Station	470.43	
471	Repairs Furn. Boil. & Access.—63rd Street Station	781.68	

Ledger Folio			
471	Repairs Furn. Boil. & Access.—65th Street Station	173.40	
471	Repairs Furn. Boil. & Access.—111th Street Station	250.96	
471	Repairs Furn. Boil. & Access.—Kingsbridge Station	73.91	16,151.17
475	Repairs Steam Engines—14th Street Station	259.87	
475	Repairs Steam Engines—42nd Street Station	.38	
475	Repairs Steam Engines—21st Street Station	1,213.40	
475	Repairs Steam Engines—44th Street Station	333.15	
475	Repairs Steam Engines—99th Street Station	53.03	
477	Repairs Steam Engines—18th Street Station	22.00	
477	Repairs Steam Engines—63rd Street Station	33.27	
477	Repairs Steam Engines—65th Street Station	16.53	
477	Repairs Steam Engines—111th Street Station	1.28	
477	Repairs Steam Engines—Kingsbridge Station	3.48	1,936.39
485	Repairs Benches & Retorts—14th Street Station	5,945.39	
488	Repairs Benches & Retorts—42nd Street Station	11,834.40	17,779.79
490	Repairs Water Gas Sets & Accessories—21st Street Station	20,811.50	
493	Repairs Water Gas Sets & Accessories—44th Street Station	6,328.78	
496	Repairs Water Gas Sets & Accessories—99th Street Station	5,577.22	32,717.50
499	Repairs Purification Apparatus—14th Street Station	1,083.15	
499	Repairs Purification Apparatus—42nd Street Station	1,550.35	
499	Repairs Purification Apparatus—21st Street Station	2,148.76	
499	Repairs Purification Apparatus—44th Street Station	141.92	
	Amounts forward	4,924.18	6,478,845.44
	Amounts brought forward	4,924.18	6,478,845.44
499	Repairs Purification Apparatus—99th Street Station	322.81	5,246.99
503	Repairs Holders—14th Street Station	1,573.38	
503	Repairs Holders—42nd Street Station	238.88	
503	Repairs Holders—21st Street Station	1,418.59	
503	Repairs Holders—44th Street Station	220.56	
503	Repairs Holders—99th Street Station	551.97	
507	Repairs Holders—18th Street Station	763.28	
507	Repairs Holders—63rd Street Station	1,442.35	
507	Repairs Holders—65th Street Station	4,069.31	
507	Repairs Holders—111th Street Station	3,873.95	
507	Repairs Holders—Inwood Station	106.23	
507	Repairs Holders—Kingsbridge Station	707.26	14,974.77
513	Repairs Miscellaneous Equipment—14th Street Station	4,200.12	
513	Repairs Miscellaneous Equipment—42nd Street Station	3,265.25	
513	Repairs Miscellaneous Equipment—21st Street Station	7,403.53	

Ledger Folio			
513	Repairs Miscellaneous Equipment—44th Street Station	2,044.34	
513	Repairs Miscellaneous Equipment—99th Street Station	1,319.57	
519	Repairs Miscellaneous Equipment—18th Street Station	2,184.64	
519	Repairs Miscellaneous Equipment—63rd Street Station	263.02	
519	Repairs Miscellaneous Equipment—65th Street Station	114.94	
519	Repairs Miscellaneous Equipment—111th Street Station	141.65	
519	Repairs Miscellaneous Equipment—Kingsbridge Station	72.95	21,100.01
526	Repairs Works Tools—14th Street Station.	3,015.04	
526	Repairs Works Tools—42nd Street Station.	2,210.04	
526	Repairs Works Tools—21st Street Station.	3,513.73	
526	Repairs Works Tools—44th Street Station.	1,094.63	
526	Repairs Works Tools—99th Street Station	762.95	
	Amounts forward	10,596.39	6,520,167.20
	Amounts brought forward	10,596.39	6,520,167.20
531	Repairs Works Tools—18th Street Station.	807.39	
531	Repairs Works Tools—63rd Street Station.	36.84	
531	Repairs Works Tools—65th Street Station.	81.85	
531	Repairs Works Tools—111th Street Station.	70.23	
531	Repairs Works Tools—Kingsbridge Station	13.06	11,605.76
483	Repairs Misc. Power Plant Equipment—14th Street Station	74.43	
483	Repairs Misc Power Plant Equipment—42nd Street Station	27.75	
483	Repairs Misc. Power Plant Equipment—21st Street Station	1,410.94	
483	Repairs Misc. Power Plant Equipment—44th Street Station	77.28	
483	Repairs Misc. Power Plant Equipment—99th Street Station	105.34	1,695.74
541	Gas Storage—18th Street Station	19,279.59	
546	Gas Storage—63rd Street Station	18,531.01	
550	Gas Storage—65th Street Station	12,447.86	
555	Gas Storage—111th Street Station	12,871.53	
562	Gas Storage—Kingsbridge Station	4,762.92	
559	Gas Storage—Inwood Station	181.38	
564	Gas Storage—44th Street Station	4,178.78	72,253.07
	Add: Profit & Loss items applicable to 1913		6,605,721.77
1024	Led. 1913 Adjustment of Gas Production—44th Street		31,034.04
1078	Led. 1915 Repairs Holders 1910—1914 inclusive	11,632.25	
	Less: Applicable to other years	8,769.05	2,863.20
1072	Led. 1918 Gas Production—14th Street Station, 1905-1917 Inclusive	15,628.61	
	Less: Applicable to other years	14,389.86	1,238.75
			6,640,857.76
	Deduct: Profit & Loss item applicable to 1913		
1123	Led. 1914 Adjustment of Gas from other sources		3,664.10
	Total per Exhibit No. 366		6,637,193.66

Ledger Folio				
523	Repairs Miscellaneous Equip.—99th Street Sta.		1,954.57	
515	Repairs Miscellaneous Equip.—18th Street Sta.		567.78	
515	Repairs Miscellaneous Equip.—63rd Street Sta.		1,352.30	
515	Repairs Miscellaneous Equip.—65th Street Sta.		109.54	
515	Repairs Miscellaneous Equip.—111th Street Sta.		55.34	
515	Repairs Miscellaneous Equip.—Kingsbridge Sta.		71.53	16,369.51
522	Repairs Works Tools—14th Street Sta.		2,944.52	
522	Repairs Works Tools—42nd Street Sta.		2,357.86	
522	Repairs Works Tools—21st Street Sta.		5,886.33	
525	Repairs Works Tools—44th Street Sta.		8.94	
522	Repairs Works Tools—99th Street Sta.		1,191.53	
525	Repairs Works Tools—18th Street Sta.		5.31	
525	Repairs Works Tools—63rd Street Sta.		12.80	
525	Repairs Works Tools—65th Street Sta.		2.32	
525	Repairs Works Tools—111th Street Sta.		20.96	
	Amounts forward		12,430.57	6,923,343.22
	Amounts brought forward		12,430.57	6,923,343.22
525	Repairs Works Tools—Kingsbridge Station		4.26	12,434.83
535	Gas Storage—18th Street Station		7,001.53	
547	Gas Storage—63rd Street Station		19,693.70	
551	Gas Storage—65th Street Station		13,673.45	
556	Gas Storage—111th Street Station		13,457.25	
562	Gas Storage—Kingsbridge Station		5,339.52	
564	Gas Storage—Inwood Station		128.06	
541	Gas Storage—44th Street Station		10,752.76	70,046.27
567	Commission on Others Gas			703.32
				7,006,527.64
	Add: Profit & Loss items applicable to 1914			
1108	Led. 1915 Repairs Holders 1910-1914 inc.		11,632.25	
	Less: Applicable to other years		10,577.14	1,055.11
1108	Led. 1915 Adjustment of Gas Transferred			8,973.20
1172	Led. 1918 Gas Production—14th Street Sta. 1905-1917 inc.		15,628.61	
	Less: Applicable to other years		14,389.86	1,238.75
				7,017,794.70
	Deduct: Profit & Loss items applicable to 1914			
1080	Led. 1916 Adjustment of Gas Production 1914-1916			
	Included in charge to Sundry Debtors of	4,471.22	2,566.98	
	Included in charge to Sundry Debtors of	1,380.40	1,325.15	
	Charge to Sundry Debtors of like amount		52.56	
			3,944.69	
	Less: Applicable to other years		2,629.79	
	Amounts forward		1,314.90	7,017,794.70

		Amounts brought forward.....	1,314.90	7,017,794.70
1108	Led. 1915	Gas Transferred	6,289.11	7,604.01
				7,010,190.69
		Adjustment added to Revenues (Gas Residuals Produced)		11,786.67
		Total per Exhibit No. 366.....		7,021,977.36

CONSOLIDATED GAS COMPANY
Cost of Production
1915

Ledger Folio				
485	Gas Production—14th Street Station.....	126,518.91		
495	Gas Production—42nd Street Station.....	144,983.45		
507	Gas Production—21st Street Station.....	1,047,222.82		
515	Gas Production—99th Street Station.....	201,366.93	1,520,092.11	
649	Gas Transferred			3,975,932.88
619	Station Distribution—14th Street Station..	13,633.54		
619	Station Distribution—42nd Street Station..	2,776.45		
619	Station Distribution—21st Street Station..	19,084.75		
619	Station Distribution—99th Street Station..	2,946.32	38,441.06	
538	Miscellaneous Works Expense—14th Street Station	13,856.63		
538	Miscellaneous Works Expense—42nd Street Station	11,095.59		
538	Miscellaneous Works Expense—21st Street Station	55,394.37		
538	Miscellaneous Works Expense—99th Street Station	11,747.31	92,093.90	
546	Repairs Works & Stations Structure—14th Street Station	5,327.06		
546	Repairs Works & Stations Structure—42nd Street Station	6,921.95		
546	Repairs Works & Stations Structure—21st Street Station	12,391.45		
551	Repairs Works & Stations Structure—44th Street Station	160.84		
546	Repairs Works & Stations Structure—99th Street Station	2,484.12		
551	Repairs Works & Stations Structure—132nd Street Station	163.92		
551	Repairs Works & Stations Structure—63rd Street Station	83.64		
551	Repairs Works & Stations Structure—65th Street Station	324.22		
551	Repairs Works & Stations Structure—111th Street Station	843.60		
551	Repairs Works & Stations Structure—Kingsbridge Station	23.03	28,723.83	
556	Repairs Furnaces, Boilers & Accessories—14th Street Station	1,287.16		
556	Repairs Furnaces, Boilers & Accessories—42nd Street Station	546.11		
556	Repairs Furnaces, Boilers & Accessories—21st Street Station	7,847.98		
	Amounts forward	9,681.25	5,655,283.78	

Ledger Folio			
	Amounts brought forward	9,681.25	5,655,283.7
559	Repairs Furnaces, Boilers & Accessories—44th Street Station	58.61	
556	Repairs Furnaces, Boilers & Accessories—99th Street Station	1,958.75	
559	Repairs Furnaces, Boilers & Accessories—132nd Street Station.....	96.22	
559	Repairs Furnaces, Boilers & Accessories—63rd Street Station	113.67	
559	Repairs Furnaces, Boilers & Accessories—65th Street Station	423.91	
559	Repairs Furnaces, Boilers & Accessories—111th Street Station	245.47	
559	Repairs Furnaces, Boilers & Accessories—Kingsbridge Station	62.14	12,640.2
563	Repairs Steam Engines—14th Street Station	141.84	
563	Repairs Steam Engines—42nd Street Station	82.04	
563	Repairs Steam Engines—21st Street Station	1,221.38	
563	Repairs Steam Engines—99th Street Station	134.67	
563	Repairs Steam Engines—63rd Street Station	16.54	
565	Repairs Steam Engines—65th Street Station	23.34	
565	Repairs Steam Engines—111th Street Station	17.12	1,636.7
570	Repairs Misc. Power Plant & Equipment—14th Street Station	79.95	
570	Repairs Misc. Power Plant & Equipment—42nd Street Station	161.55	
570	Repairs Misc. Power Plant & Equipment—21st Street Station	2,240.92	
570	Repairs Misc. Power Plant & Equipment—99th Street Station	25.07	2,507.4
574	Repairs Benches and Retorts—14th Street Station	5,954.02	
575	Repairs Benches and Retorts—42nd Street Station	3,372.29	9,326.3
578	Repairs Water Gas Sets & Accessories—21st Street Station	24,948.37	
580	Repairs Water Gas Sets & Accessories—99th Street Station	6,857.24	31,805.6
582	Repairs Purification Apparatus—14th Street Station	862.67	
582	Repairs Purification Apparatus—42nd Street Station	814.83	
582	Repairs Purification Apparatus—21st Street Station	5,166.35	
582	Repairs Purification Apparatus—99th Street Station	98.71	6,942.5
586	Repairs of Holders—14th Street Station....	921.92	
	Amounts forward	921.92	5,720,142.7
	Amounts brought forward	921.92	5,720,142.7
586	Repairs of Holders—42nd Street Station..	821.39	
586	Repairs of Holders—21st Street Station..	1,828.00	
615	Repairs of Holders—44th Street Station..	10,162.42	
586	Repairs of Holders—99th Street Station..	283.32	
615	Repairs of Holders—63rd Street Station..	1,457.23	

Ledger Folio			
615	Repairs of Holders—65th Street Station..	15,165.02	
615	Repairs of Holders—111th Street Station.	3,750.74	
615	Repairs of Holders—132nd Street Station.	3,022.89	
615	Repairs of Holders—Kingsbridge Station..	566.29	37,979.22
597	Repairs Miscellaneous Equipment — 14th Street Station	3,168.91	
597	Repairs Miscellaneous Equipment — 42nd Street Station	2,271.86	
597	Repairs Miscellaneous Equipment — 21st Street Station	7,232.26	
602	Repairs Miscellaneous Equipment — 44th Street Station	3.75	
597	Repairs Miscellaneous Equipment — 99th Street Station	2,552.79	
602	Repairs Miscellaneous Equipment—132nd Street Station	22.47	
602	Repairs Miscellaneous Equipment — 63rd Street Station	143.70	
602	Repairs Miscellaneous Equipment — 65th Street Station	76.64	
602	Repairs Miscellaneous Equipment — 111th Street Station	77.61	
602	Repairs Miscellaneous Equipment—Kingsbridge Station	28.69	15,578.68
610	Repairs Works Tools—14th Street Station	2,107.54	
610	Repairs Works Tools—42nd Street Station	1,361.92	
610	Repairs Works Tools—21st Street Station	5,359.82	
613	Repairs Works Tools—44th Street Station	1.75	
610	Repairs Works Tools—99th Street Station	993.36	
613	Repairs Works Tools—132nd Street Station	21.92	
613	Repairs Works Tools—63rd Street Station	11.07	
613	Repairs Works Tools—65th Street Station	34.00	
	Amounts forward	9,891.38	5,773,700.60
	Amounts brought forward	9,891.38	5,773,700.60
613	Repairs Works Tools—111th Street Station	13.64	
613	Repairs Works Tools—Kingsbridge Station	.44	9,905.46
624	Gas Storage—132nd Street Station	11,813.31	
634	Gas Storage—63rd Street Station	4,649.37	
639	Gas Storage—65th Street Station	15,866.89	
628	Gas Storage—111th Street Station	12,934.59	
629	Gas Storage—Kingsbridge Station	5,208.29	
645	Gas Storage—Inwood Station	195.81	
627	Gas Storage—44th Street Station	10,604.07	61,272.33
651	Commissions on Others Gas		4,325.59
			5,849,203.98
	Add: Profit and Loss Items applicable to 1915:		
580	Led. 1916 Gas Transferred		3,617.79
580	Led. 1916 Gas Transferred		123,233.36
644	Led. 1917 Gas Transferred		125.54
672	Led. 1918 Gas Production—14th Street Station 1905 to 1917 inclusive	15,628.61	
	Less: Applicable to other years	14,389.86	1,238.75
			5,977,419.42

Ledger Folio				
	Deduct: Profit and Loss Items applicable to 1915:			
1080	Led. 1916	Adjustment of Gas Production 1914-1916		
		Included in charge to Sundry Debtors of $4,471.22.....	2,566.98	
		Included in charge to Sundry Debtors of $1,380.40.....	1,325.15	
		Charge to Sundry Debtors of like amount	52.56	
			3,944.69	
		Less: Applicable to other years	1,972.35	
		Amounts forward	1,972.34	5,977,419.42
		Amounts brought forward.....	1,972.34	5,977,419.42
1080	Led. 1916	Gas Transferred	16,895.46	
1080	Led. 1916	Gas Transferred	38,511.45	57,379.25
		Total per Exhibit No. 366.....		5,920,040.17

CONSOLIDATED GAS COMPANY

Cost of Production

471	Gas Production—14th Street Station.....	3,541.04	
473	Gas Production—42nd Street Station.....	8,480.98	
481	Gas Production—21st Street Station.....	1,422,161.63	
491	Gas Production—99th Street Station.....	241,206.45	1,675,390.10
513	Misc. Works Expense—14th Street Station..	14,371.35	
513	Misc. Works Expense—42nd Street Station..	10,334.96	
513	Misc. Works Expense—21st Street Station..	64,929.37	
513	Misc. Works Expense—99th Street Station.	15,268.22	104,903.90
520	Reps. Works & Station Structures—14th Street Station	1,935.22	
520	Reps. Works & Station Structures—42nd Street Station	13,736.45	
520	Reps. Works & Station Structures—21st Street Station	10,014.33	
527	Reps. Works & Station Structures—44th Street Station	23.68	
520	Reps. Works & Station Structures—99th Street Station	2,279.17	
527	Reps. Works & Station Structures—63rd Street Station	222.73	
527	Reps. Works & Station Structures—65th Street Station	483.42	
527	Reps. Works & Station Structures—111th Street Station	1,083.48	
527	Reps. Works & Station Structures—132nd Street Station	468.63	
527	Reps. Works & Station Structures—Kingsbridge Station	83.80	
527	Reps. Works & Station Structures—Inwood Station	225.10	30,556.01
531	Reps. Furnaces Boilers Accessories—14th Street Station	691.52	
531	Reps. Furnaces Boilers Accessories—42nd Street Station	228.20	
531	Reps. Furnaces Boilers Accessories—21st Street Station	7,919.53	
535	Reps. Furnaces Boilers Accessories—44th Street Station	46.08	

Ledger Folio			
531	Reps. Furnaces Boilers Accessories—99th Street Station	3,003.25	
535	Reps. Furnaces Boilers Accessories—63rd Street Station	359.51	
535	Reps. Furnaces Boilers Accessories—65th Street Station	575.88	
535	Reps. Furnaces Boilers Accessories—111th Street Station	507.43	
535	Reps. Furnaces Boilers Accessories—132nd Street Station	187.73	
	Amounts forward	13,519.13	1,810,850.01
	Amounts brought forward	13,519.13	1,810,850.01
535	Repairs Furnaces Boilers & Accessories—Kingsbridge Sta.	43.00	
535	Repairs Furnaces Boilers & Accessories—Inwood Sta.	2.15	13,564.28
538	Repairs Steam Engines—14th Street Sta.	24.13	
538	Repairs Steam Engines—42nd Street Sta.	27.07	
538	Repairs Steam Engines—21st Street Sta.	2,498.28	
541	Repairs Steam Engines—63rd Street Sta.	237.88	
541	Repairs Steam Engines—65th Street Sta.	44.01	
538	Repairs Steam Engines—99th Street Sta.	224.86	
541	Repairs Steam Engines—Kingsbridge Sta.	6.14	3,062.37
546	Repairs Misc. Power Plant Equipment—14th Street Sta.	146.97	
546	Repairs Misc. Power Plant Equipment—21st Street Sta.	1,499.56	
546	Repairs Misc. Power Plant Equipment—99th Street Sta.	56.27	1,702.80
549	Repairs Benches & Retorts—14th Street Sta.	6,791.75	
551	Repairs Benches & Retorts—42nd Street Sta.	2,634.47	9,426.22
554	Repairs Water Gas Set & Accessories—21st Street Sta.	25,384.33	
555	Repairs Water Gas Set & Accessories—99th Street Sta.	5,002.63	30,386.96
557	Repairs Purification Apparatus—14th Street Sta.	1,787.40	
557	Repairs Purification Apparatus—42nd Street Sta.	670.73	
557	Repairs Purification Apparatus—21st Street Sta.	4,526.53	
557	Repairs Purification Apparatus—99th Street Sta.	89.02	7,073.68
562	Repairs Holders—14th Street Sta.	1,996.86	
562	Repairs Holders—42nd Street Sta.	9.81	
562	Repairs Holders—21st Street Sta.	1,642.07	
568	Repairs Holders—44th Street Sta.	4,680.13	
562	Repairs Holders—99th Street Sta.	4,743.51	
568	Repairs Holders—63rd Street Sta.	1,438.35	
568	Repairs Holders—65th Street Sta.	4,186.52	
	Amounts forward	18,697.25	1,876,066.32

CONSOLIDATED GAS COMPANY

Cost of Production—1916

Ledger Folio				
	Amounts brought forward.....	18,697.25	1,876,066.32
568	Repairs Holders—111th Street Sta.....	2,205.98	
568	Repairs Holders—132nd Street Sta.....	1,682.96	
568	Repairs Holders—Kingsbridge Sta.....	1,804.81	
568	Repairs Holders—Inwood Sta.....	100.07	24,491.07
571	Repairs Misc. Equipment—14th Street Sta..	846.88	
571	Repairs Misc. Equipment—42nd Street Sta.	1,334.34	
571	Repairs Misc. Equipment—21st Street Sta..	7,104.92	
571	Repairs Misc. Equipment—99th Street Sta..	3,018.45	
578	Repairs Misc. Equipment—63rd Street Sta..	69.01	
578	Repairs Misc. Equipment—65th Street Sta..	4.53	
578	Repairs Misc. Equipment—111th Street Sta.	31.35	
578	Repairs Misc. Equipment—132nd Street Sta.	37.29	
578	Repairs Misc Equipment—Kingsbridge Sta.	131.72	12,578.49
594	Station Distribution—14th Street Sta.....	15,252.85	
594	Station Distribution—42nd Street Sta.....	1,656.67	
594	Station Distribution—21st Street Sta.....	16,112.31	
594	Station Distribution—99th Street Sta.....	3,146.49	36,168.32
584	Repairs Works Tools—14th Street Sta.....	93.32	
584	Repairs Works Tools—42nd Street Sta.....	347.19	
584	Repairs Works Tools—21st Street Sta.....	6,283.98	
590	Repairs Works Tools—44th Street Sta.....	224.50	
584	Repairs Works Tools—99th Street Sta.....	946.78	
590	Repairs Works Tools—63rd Street Sta.....	12.77	
590	Repairs Works Tools—65th Street Sta.....	55.84	
590	Repairs Works Tools—111th Street Sta.....	19.10	
590	Repairs Works Tools—Kingsbridge Sta...	4.00	7,987.48
599	Gas Storage—44th Street Sta.....	10,922.53	
	Amounts forward	10,922.53	1,957,291.68

CONSOLIDATED GAS COMPANY

Cost of Production—1916

	Amounts brought forward.....	10,922.53	1,957,291.68
604	Gas Storage—63rd Street Sta.....	5,001.77	
609	Gas Storage—65th Street Sta.....	18,403.65	
614	Gas Storage—111th Street Sta.....	13,746.77	
618	Gas Storage—132nd Street Sta.....	13,885.62	
625	Gas Storage—Kingsbridge Sta.....	5,222.00	
622	Gas Storage—Inwood Sta.....	190.17	67,372.53
629	Gas Transferred.....		4,462,606.33
			6,487,270.54
	Add: Profit and Loss items applicable to 1916		
1080	Led. 1916 Gas Production—Appropriations to Employees.....	37,441.29	
	Less: Amount applicable to Cost of Distribution..	32,393.45	5,048.84
1044	Led. 1917 Gas Production—14th Street Station	.....	6,422.70
1044	Led. 1917 Gas Transferred.....	.....	134.55

Ledger Folio					
1044	Led. 1917	Gas Transferred.....	.....		1,711.78
1172	Led. 1918	Gas Production—14th Street Sta. 1905-1917 inc.....		15,628.61	
		Less: Applicable to other years		14,389.86	1,238.75
					6,501,826.84
	Deduct:				
	Profit and Loss items appilcable to 1916				
1080	Led. 1916	Adjustment of Gas Production 1914-1916			
		Included in charge to Sundry Debtors of.....	4,471.22	2,566.98	
		Included in charge to Sundry Debtors of.....	1,380.40	1,325.15	
		Charge to Sundry Debtors of like amount	.....	52.56	
				3,944.69	
		Less Applicable to other years		3,287.24	
		Amounts forward.....		657.45	6,501,826.84

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION—1916

		Amounts brought forward.....		657.45	6,501,826.84
	Profit and Loss items applicable to 1916 Continued				
1044	Led. 1917	Gas Production—42nd Street Station		1,180.21	
1944	Led. 1917	Gas Transferred.....		61.50	
1172	Led. 1918	Gas Transferred 1916-1917	19,042.07		
		Less: Applicable to year 1917..	22,165.42	3,123.35	5,022.51
		Total per Exhibit No. 366		.....	6,496,804.33

CONSOLIDATED GAS COMPANY

COST OF PRODUCTION

1917

475	Gas Production—14th Street Sta.....	1,355.97		
477	Gas Production—42nd Street Sta.....	1,839.59		
485	Gas Production—21st Street Sta.....	2,009,244.76		
491	Gas Production—99th Street Sta.....	397,301.61		2,409,741.93
510	Miscellaneous Works Expense—14th Street Sta.	14,321.35		
510	Miscellaneous Works Expense—42nd Street Sta.	11,270.85		
510	Miscellaneous Works Expense—21st Street Sta.	59,774.13		
510	Miscellaneous Works Expense—99th Street Sta.	17,517.38		102,883.71
516	Repairs Works & Sta. Struct.—14th Street Sta.	2,848.41		

Ledger Folio			
516	Repairs Works & Sta. Struct.—42nd Street Sta.	4,028.87	
516	Repairs Works & Sta Struct.—21st Street Sta.	11,608.60	
523	Repairs Works & Sta. Struct.—44th Street Sta.	240.97	
516	Repairs Works & Sta. Struct.—99th Street Sta.	3,864.90	
523	Repairs Works & Sta. Struct.—63rd Street Sta.	182.85	
523	Repairs Works & Sta. Struct.—65th Street Sta.	463.13	
523	Repairs Works & Sta. Struct.—111th Street Sta.	456.99	
523	Repairs Works & Sta. Struct.—132nd Street Sta.	1,086.59	
523	Repairs Works & Sta. Struct.—Inwood Sta.	12.03	
523	Repairs Works & Sta. Struct.—Kingsbridge Sta.	192.84	24,986.1[illegible]
527	Repairs Furn., Boilers & Access.—14th Street Sta.	1,134.26	
527	Repairs Furn., Boilers & Access.—42nd Street Sta.	407.14	
527	Repairs Furn., Boilers & Access.—21st Street Sta.	8,161.37	
531	Repairs Furn., Boilers & Access.—44th Street Sta.	14.28	
527	Repairs Furn., Boilers & Access.—99th Street Sta.	2,960.59	
531	Repairs Furn., Boilers & Access.—63rd Street Sta.	18.49	
531	Repairs Furn., Boilers & Access.—65th Street Sta.	662.30	
531	Repairs Furn., Boilers & Access.—111th Street Sta.	735.53	
531	Repairs Furn., Boilers & Access—132nd Street Sta.	6.00	
	Amounts forward	14,099.96	2,537,611.82
	Amounts brought forward	14,099.96	2,537,611.82
531	Repairs Furnaces, Boilers & Access.—Kingsbridge Sta.	149.38	14,249.34
534	Repairs Steam Engine—14th Street Sta...	102.23	
534	Repairs Steam Engines—42nd Street Sta...	4.95	
534	Repairs Steam Engines—21st Street Sta...	1,013.72	
537	Repairs Steam Engines—65th Street Sta...	95.00	
534	Repairs Steam Engines—99th Street Sta...	108.10	1,324.00
542	Repairs Misc. Power Plant Equip.—14th Street Sta.	206.30	
542	Repairs Misc. Power Plant Equip.—21st Street Sta.	1,631.40	
542	Repairs Misc. Power Plant Equip.—99th Street Sta.	14.52	1,852.22
545	Repairs Benches & Retorts—14th Street Sta.	237.05	
547	Repairs Benches & Retorts—42nd Street Sta.	1,604.53	1,841.58
550	Repairs Water Gas Sets & Access.—21st Street Sta.	28,517.43	

Ledger Folio			
551	Repairs Water Gas Sets & Access—99th Street Sta.	5,691.90	34,209.33
553	Repairs Purification Appar.—14th Street Sta.	334.88	
553	Repairs Purification Appar.—42nd Street Sta.	437.42	
553	Repairs Purification Appar.—21st Street Sta.	2,973.99	
553	Repairs Purification Appar. 99th Street Sta.	152.50	3,898.79
558	Repairs Holders—14th Street Sta.	960.72	
558	Repairs Holders—42nd Street Sta.	74.42	
558	Repairs Holders—21st Street Sta.	2,289.19	
564	Repairs Holders—44th Street Sta.	2,517.55	
558	Repairs Holders—99th Street Sta.	19,626.70	
564	Repairs Holders—63rd Street Station.	847.99	
564	Repairs Holders—65th Street Sta.	3,856.92	
564	Repairs Holders—111th Street Sta.	2,464.42	
564	Repairs Holders—132nd Street Sta.	3,409.96	
	Amounts forward	36,047.87	2,594,987.08
	Amounts brought forward	36,047.87	2,594,987.08
564	Repairs Holders—Kingsbridge Station	848.64	36,896.51
568	Repairs Misc. Equipment—14th Street Station	501.39	
568	Repairs Misc. Equipment—42nd Street Station	627.82	
568	Repairs Misc. Equipment—21st Street Station	8,706.75	
568	Repairs Misc. Equipment—99th Street Station	3,742.30	
570	Repairs Misc. Equipment—63rd Street Station	56.33	
570	Repairs Misc. Equipment—65th Street Station	349.65	
570	Repairs Misc. Equipment—111th Street Station	125.91	
570	Repairs Misc. Equipment—132nd Street Station	7.56	
570	Repairs Misc. Equipment—Kingsbridge Station	49.46	14,167.17
582	Station Distribution—14th Street Station.	17,039.02	
582	Station Distribution, 42nd Street Station.	1,986.36	
582	Station Distribution—21st Street Station.	16,067.53	
582	Station Distribution—99th Street Station.	3,480.79	38,573.70
576	Repairs Works Tools—14th Street Station.	98.06	
576	Repairs Works Tools—42nd Street Station.	340.30	
576	Repairs Works Tools—21st Street Station.	8,183.23	
578	Repairs Works Tools—44th Street Station.	14.37	
576	Repairs Works Tools—99th Street Station.	1,003.82	
578	Repairs Works Tools—63rd Street Station.	40.37	
578	Repairs Works Tools—65th Street Station.	113.17	
578	Repairs Works Tools—111th Street Station.	19.55	
578	Repairs Works Tools—Kingsbridge Station	.37	9,813.24

Ledger Folio			
587	Gas Storage—44th Street Station	11,006.45	
591	Gas Storage—63rd Street Station	6,078.15	
596	Gas Storage—65th Street Station	22,018.04	
600	Gas Storage—111th Street Station	16,772.12	
	Amounts forward	55,874.76	2,694,437.71
	Amounts brought forward	55,874.76	2,694,437.71
604	Gas Storage—132nd Street Sta	16,141.14	
605	Gas Storage—Inwood Sta	142.01	
609	Gas Storage—Kingsbridge Sta	7,195.57	79,353.48
617	Gas Transferred		5,522,076.91
619	Gas Production—Appropriation to Employees		11,474.94
			8,307,343.03
	Less:		
537	Repairs Steam Engines—63rd Street Sta		186.00
			8,307,157.03
	Add: Profit and Loss items applicable to 1917		
1172	Led. 1918 Gas Production 14th St. Station 1905-1917 inc.	15,628.61	
	Less: Applicable to other years	14,389.86	1,238.75
1172	Led. 1918 Gas Transferred 1916-1917	19,042.07	
	Add: Amount applicable to 1916	3,123.35	22,165.42
1172	Led. 1918 Gas Transferred		58.33
			8,330,619.53
	Deduct: Profit and Loss items applicable to 1917		
1172	Led. 1918 Gas Production		2,508.64
	Total per Exhibit No. 366		8,328,110.89

DEFENDANT'S EXHIBIT AA27
for identification.

Miller's estimate of plant and equipment.

Plant Cap	$43,500,000.00
Holder	47,000,000.00
Plant	10,000,000.00
Hold	8,000,000.00
Dist. System	50,000,000.00
Land	10,000,000.00
Work Capital	5,000,000.00
Offices	5,000,000.00
Appliances	4,000,000.00
Franchise	7,800,000.00
Horses, tools, etc	1,000,000.00
	$101,200,000.00

DEFENDANT'S EXHIBIT 33.

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION.

Summary

1806	Folio 5	2,359,213.05
1907	Folio 9	2,484,769.19
1908	Folio 13	2,438,524.76
1909	Folio 18	2,516,018.99
1910	Folio 24	2,789,032.84
1911	Folio 29	2,917,514.04
1912	Folio 34	3,387,790.12
1913	Folio 39	3,106,033.66
1914	Folio 44	3,339,216.62
1915	Folio 49	3,285,728.42
1916	Folio 53	3,377,613.00
1917	Folio 57	3,534,145.03

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION
1906

Ledger Folio			
822	Expense—Hester Street Branch	95,795.38	
824	Expense—Irving Place Branch	124,896.51	
825	Expense—42nd Street Branch	109,060.02	
826	Expense—3rd Avenue Branch	153,966.75	
399	Expense—Meter Shop, Hester Street	11,555.42	
382	Expense—Meter Shop, Avenue A	12,731.48	
385	Expense—Meter Shop, 66th Street	12,887.51	
389	Expense—Meter Shop, 114th Street	18,020.10	
392	Expense—Meter Repair Shop	2,462.21	
394	Expense—Legal and Arrears Department	13,448.30	
432	Expense—General Office	359,179.91	
429	Expense—New Business	77,664.56	
435	Expense—Vacations and Sickness	8,108.18	
396	Expense—Hester St. Street Department	5,527.36	
442	Expense—66th St. Street Department	5,084.70	
444	Expense—111th St. Street Department	5,663.87	
207	Expense—Automobiles	7,526.20	
451	Expense—Chemical Department	12,729.65	1,036,308.11
459	Distribution—Hester Street Shop	49,523.16	
469	Distribution—Avenue A Shop	55,991.02	
478	Distribution—66th Street Shop	65,752.25	
489	Distribution—114th Street Shop	117,229.57	
498	Distribution—G. O. Pumping Drips	16,496.35	
504	Distribution—G. O. Taking Pressure	8,705.22	313,697.57
514	Repairs to Gas Stoves		59,884.63
522	Repairs to Mains—Hester St. Street Department	43,760.11	
529	Repairs to Mains—66th St. Street Department	47,654.56	
536	Repairs to Mains—111th St. Street Department	35,867.86	127,282.53
	Amount forward		1,537,172.84
	Amount brought forward		1,537,172.84
546	Repairs to Services—Hester St. Street Dement	24,186.27	
556	Repairs to Services—66th St. Street Department	28,573.44	
563	Repairs to Services—111th St. Street Department	26,156.90	78,916.61

Ledger Folio				
575	Repairs to Meters			172,045.98
593	Repairs to Tools & Impts.—Hester Street Shop		157.61	
594	Repairs to Tools & Impts.—Avenue "A" Shop		429.26	
596	Repairs to Tools. & Impts.—66th Street Shop		1,514.63	
598	Repairs to Tools & Impts.—114th Street Shop		932.45	
600	Repairs to Tools & Impts.—Meter Repair Shop		1,894.19	
602	Repairs to Tools & Impts.—Hester St. Street Department		3,579.26	
604	Repairs to Tools & Impts.—66th St. Street Department		2,921.41	
608	Repairs to Tools & Impts.—111th St. Street Department		2,906.19	
608	Repairs to Tools & Impts.—General Office		2,514.19	16,849.19
614	Street Lamps—Hester St. Street Department		46,563.66	
626	Street Lamps—66th St. Street Department		47,989.37	
636	Street Lamps—111th St. Street Department		190,644.44	285,197.47
646	Real Estate Rents Paid			45,470.66
647	Insurance			61,477.36
648	Advertising			14,064.60
710	Franchise Tax Litigation			5,232.03
665	Legal Expense			131,037.97
666	Contribution to Gas Co.'s Aid Society			7,276.62
678	Superannuation			14,986.14
677	Claims for Damages			27,644.09
711	Experiments			1,295.40
	Amount forward			2,398,666.98
	Amount brought forward			2,398,666.98
	Repairs to Buildings			
591	General Office	4,862.56		
	Less: Not applicable to Gas Business	3,194.11	1,668.45	
577	Irving Place Branch		35.98	
577	Hester Street Branch		66.38	
578	42nd Street Branch		18.00	
580	3rd Avenue Branch		292.71	
580	Hester Street Shop		31.09	
581	Avenue A Shop		404.66	
583	66th Street Shop		494.03	
584	114th Street Shop		544.68	
585	Meter Repair Shop		2,276.00	
587	Hester St. Street Department		727.62	
587	66th St. Street Department		46.81	
588	111th Street Street Department		209.37	
592	Stables		631.94	7,447.71
				2,406,114.70
	Less:			
712	Discounts		7,844.96	
493	Distribution General Office Materials		2,421.10	
727	Profit and Loss Adjustment		18,789.57	29,055.63
	Amount forward			2,377,059.07

Ledger Folio				
	Amount brought forward			2,377,059.07
	Deduct:			
	Profit and Loss items applicable to 1906			
1088	Led. 1909 Charged Sundry Debtors $92,709.88			
	Gas Rate Appeal Litigation 1906-1908	89,216.75		
	Franchise Tax Litigation 1905-1908	3,493.23		
		92,709.98		
	Less: Applicable to other years	77,437.99	15,271.99	
1172	Led. 1918 Refund — Paving Charges City of N. Y.			
	Total 1891-1910	51,480.58		
	Less: Applicable to other years	48,906.55	2,574.03	17,846.02
	Total per Exhibit No. 366			2,359,213.05

CONSOLIDATED GAS COMPANY

Cost of Distribution

1907

117	Expense—Hester Street Branch	102.579.23	
411	Expense—Irving Place Branch	141,552.97	
421	Expense—42nd Street Branch	123,762.54	
118	Expense—3rd Avenue Branch	202,417.78	
437	Expense—Hester Street Shop	12,962.25	
502	Expense—Avenue "A" Shop	15.075.10	
450	Expense—66th Street Shop	13,806.07	
454	Expense—114th Street Shop	21,836.67	
450	Expense—Meter Repair Shop	3.182.89	
453	Expense—Legal and Arrears Department	14,018.82	
492	Expense—General Office	349,273.11	
491	Expense—New Business	73.924.28	
497	Expense—Vacations and Sickness	10,703.69	
501	Expense—Hester St. Street Department	5,953.26	
505	Expense—66th St. Street Department	6,088.20	
509	Expense—111th St. Street Department	6,132.73	
390	Expense—Automobiles	8,307.75	
526	Expense—Chemical Department	13,487.65	1,125,064.99
534	Distribution—Hester Street Shop	59,420.08	
543	Distribution—Avenue A Shop	69,417.32	
554	Distribution—66th Street Shop	71.909.51	
564	Distribution—114th Street Shop	137,796.82	
568	Distribution—G. O. Pumping Drips	17,820.30	
573	Distribution—G. O. Taking Pressure	8.305.77	364,669.80
584	Repairs to Gas Stoves	.....	72,668.03
593	Repairs to Mains—Hester St. Street Department	44,098.74	
600	Repairs to Mains—66th St. Street Department	59,326.96	
606	Repairs to Mains—111th St. Street Department	49,420.05	152,845.75
	Amount forward		1,715,248.57
	Amount brought forward		1,715,248.57
617	Repairs to Services—Hester St. Street Department	30,507.45	

Ledger Folio				
627	Repairs to Services—66th St. Street Department		43,561.50	
634	Repairs to Services—111th St. Street Department		26,417.88	100,486.83
645	Repairs to Meters			167,682.23
667	Repairs to Tools & Impts.—Hester Street Shop		360.36	
668	Repairs to Tools & Impts.—Avenue A Shop		501.84	
670	Repairs to Tools & Impts.—66th Street Shop		1,577.35	
673	Repairs to Tools & Impts.—114th Street Shop		1,517.50	
675	Repairs to Tools & Impts.—Meter Repair Shop		1,706.23	
677	Repairs to Tools & Impts.—Hester St. Street Department		4,405.09	
680	Repairs to Tools & Impts.—66th St. Street Street Department		2,985.72	
682	Repairs to Tools & Impts.—111th St. Street Department		3,164.38	
685	Repairs to Tools & Impts.—General Office		2,470.50	18,689.17
691	Street Lamps—Hester St. Street Department		37,448.86	
702	Street Lamps—66th St. Street Department		47,455.71	
714	Street Lamps—111th St. Street Department		190,241.60	275,146.17
720	Advertising			12,022.21
722	Insurance			72,366.55
723	Legal Expense			102,832.96
750	Real Estate Rents Paid			54,909.68
742	Superannuation			14,861.00
733	Claims for Damages			19,344.11
744	Experiments			3,871.96
745	Contributions to Gas Co.'s Mutual Aid Society			8,408.47
	Amount forward			2,564,124.17
	Amount brought forward			2,564,124.17
	Repairs to Buildings			
663	General Office	5,660.67		
	Less: Not applicable to Gas Business	2,744.02	2,916.65	
648	Hester Street Branch		2,701.07	
647	Irving Place Branch		885.25	
648	42nd Street Branch		96.00	
650	3rd Avenue Branch		1,436.58	
650	Hester Street Shop		1,510.32	
652	Avenue A Shop		487.51	
653	66th Street Shop		315.66	
657	114th Street Shop		673.26	
656	Meter Repair Shop		5,268.97	
656	Hester St. Street Department		1,523.82	
658	66th St. Street Department		168.10	
659	111th St. Street Department		308.78	
664	Stable		1,272.37	19,564.59
				2,583,688.76
	Less:			
802	Discounts		9,273.79	
809	Profit and Loss Adjustment		17,752.00	27,025.79
	Amount forward			2,556,662.97

Ledger Folio				
	Amount brought forward.....	.....		2,556,662.72
	Deduct:			
	Profit and Loss items applicable to 1907			
1088	Led. 1909 Charged Sundry Debtors $92,709.98			
	Gas Rate Appeal Litigation 1906-1908....	89,216.75		
	Franchise Tax Litigation 1905-1908...	3,493.23		
		92,709.98		
	Less: Applicable to other years	23,390.48	69,319.50	
1172	Led. 1918 Refund — Paving Charges City of N. Y.			
	Total 1891-1910	51,480.58		
	Less: Applicable to other years	48,906.55	2,574.03	71,893.53
	Total per Exhibit No. 366.....			2,484,769.19

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION

1908

450	Expense—Hester Street Branch.....	98,033.98	
450	Expense—Irving Place Branch.....	140,276.25	
473	Expense—42nd Street Branch.....	121,575.16	
451	Expense—3rd Avenue Branch.....	222,802.11	
490	Expense—Meter Shop Hester Street.....	12,995.70	
496	Expense—Meter Shop—Avenue A.....	15,524.81	
500	Expense—Meter Shop 66th Street.....	15,230.47	
505	Expense—Meter Shop 114th Street.....	22,551.06	
508	Expense—Repair Shop	3,016.29	
515	Expense—Legal and Arrears Department..	23,370,86	
542	Expense—General Office	293,961.58	
544	Expense—General Office—Gas Rate Appeal	8,946.26	
547	Expense—General Office—Franchise Litigation	1,311.43	
565	Expense—New Business	79,169.61	
571	Expense—Vacations and Sickness.....	11,075.63	
574	Expense—Hester St. Street Department....	6,863.66	
578	Expense—66th St. Street Department....	6,701.29	
582	Expense—111th St. Street Department....	7,229.35	
585	Expense—Chemical Department	14,143.41	1,104,778.91
595	Distribution—Hester Street Shop.....	62,432.58	
603	Distribution—Avenue A Shop.....	66,961.32	
614	Distribution—66th Street Shop.....	70,348.03	
623	Distribution—114th Street Shop.....	122,744.23	
629	Distribution—G. O. Pumping Drips.....	16,479.02	
634	Distribution—G. O. Taking Pressure.....	8,554.03	347,519.21
646	Repairs to Gas Stoves.....		87,239.46
655	Repairs to Mains Hester St. Street Department	66,652.61	
661	Repairs to Mains 66th St. Street Department	71,418.07	
	Amounts brought forward.....	138,070.68	1,539,537.58

Ledger Folio				
	Amounts brought forward.....		138,070.68	1,1539,537.3
667	Repairs to Mains 111th St. Street Department		56.230.24	194,300.9
690	Repairs to Services Hester St. Street Department		66,283.33	
690	Repairs to Services 66th St. Street Department		59,173.93	
698	Repairs to Services 111th St. Street Department		72,682.47	198,139.7
706	Repairs to Meters.....			198,542.3
730	Repairs to Tools & Impts. Hester Street Shop		502.78	
729	Repairs to Tools & Impts. Avenue A Shop..		479.60	
732	Repairs to Tools & Imts. 66th Street Shop.		1,078.08	
734	Repairs to Tools & Impts. 114th Street Shop		1,083.48	
737	Repairs to Tools & Impts. Meter Repair Shop		2,014.15	
739	Repairs to Tools & Impts. Stove Repair Shop		1,023.15	
741	Repairs to Tools & Impts. Hester St. Street Department		4,483.89	
746	Repairs to Tools & Impts. 66th St. Street Department		2,491.17	
746	Repairs to Tools & Impts. 111th St. Street Department		3,567.21	
748	Repairs to Tools & Impts. General Office..		2,718.51	19,442.0
756	Street Lamps Hester St. Street Department		1,046.83	
767	Street Lamps 66th St. Street Department..		1,242.54	
776	Street Lamps 111th St. Street Department..		324.18	2,613.5
781	Advertising			13,677.1
789	Insurance			78,570.7
792	Legal Expense			80,000.0
801	Real Estate Rents Paid.....			63,823.1
806	Superannuation			13,775.0
813	Claims for damages.....			22,353.3
816	Experiments			1,265.7
819	Contributions to Gas Cos. M. A. Society..			7,378.5
819	Distributing Expense—Westchester			23,342.8
	Amount forward			2,456,762.7
	Amount brought forward			2,456,762.7
818	Franchise Tax Litigation.....			5,000.0
				2,461,762.7
	Repairs to Buildings			
726	General Office	5,203.93		
	Less: Not applicable to Gas Business	2,349.98	2,853.95	
708	Hester Street Branch.....		160.41	
709	Irving Place Branch.....		388.57	
710	3rd Avenue Branch.....		1,660.33	
712	Hester Street Shop.....		244.30	
716	Avenue A Shop.....		562.74	
714	66th Street Shop.....		512.89	
715	114th Street Shop.....		855.52	
718	Repair Shop.....		4,372.22	
720	Hester St Street Department.....		460.35	
721	66th St. Street Department.....		292.59	
722	111th St. Street Department.....		537.03	
727	Stable		505.08	13,405.9
				2,475,168.6

Ledger Folio				
	Less:			
853	Discounts		7,356.63	
858	Miscellaneous Income—Scrap		14,305.00	
857	Miscellaneous Income—Miscellaneous Items	3,971.29		
	Less: Not applicable to Gas Business	107.35	3,863.94	25,525.57
	Amount forward			2,449,643.11
	Amount brought forward			2,449,643.11
	Add:			
	Profit and Loss items applicable to 1908.			
1088	Led. 1909 Distribution (Hester Street Shop, etc.)			209.48
				2,449,852.59
	Deduct:			
	Profit & Loss items applicable 1908.			
1088	Led. 1909 Charged Sundry Debtors $92,709.98.			
	Gas Rate Appeal Litigation 1906-1908	89,216.75		
	Franchise Tax Litigation 1905-1908	3,493.23		
		92,709.98		
	Less: Applicable to other years	85,226.62	7,483.36	
1172	Led. 1918 Refund — Paving Charges City of N. Y.			
	Total 1891-1910	51,480.58		
	Less: Applicable to other years	48,906.55	2,574.03	
1088	Led. 1909 Expense Third Avenue Branch		1,270.44	11,327.83
	Total per Exhibit No. 366			2,438,524.76

CONSOLIDATED GAS COMPANY

Cost of Distribution—1909

666	Distribution Superintendence—Hester St. Street Department	4,931.39
666	Distribution Superintendence — 66th St. Street Street Department	5,073.63
666	Distribution Superintendence — 111th St. Street Department	5,821.48
666	Distribution Superintendence—G. O. St. Department	10,550.18
666	Distribution Superintendence Hester Street Shop	11,884.61
666	Distribution Superintendence—Avenue A Shop	12,765.65
666	Distribution Superintendence—66th Street Shop	11,086.28
666	Distribution Superintendence—114th Street Shop	22,334.31
666	Distribution Superintendence—Repair Shop	17,066.81
666	Distribution Superintendence—G. O. Meter Department	8,588.42
666	Distribution Taking Pressure—Hester St. Street Department	7.97
666	Distribution Taking Pressure—66th St. Street Department	67.07

Ledger Folio			
666	Distribution Taking Pressure—111th St. Street Department	883.65	
666	Distribution Taking Pressure—G. O. Street Department	4,178.51	115,239.9
663	Distribution—Supp. & Expense—Hester St. Street Department	1,988.71	
663	Distribution—Supp. & Expense—66th St. Street Department	1,540.55	
663	Distribution—Supp. & Expense—111th St. Street Department	1,895.92	
663	Distribution—Supp. & Expense—G. O. Street Department	1,406.03	
663	Distribution—Supp. & Expense — Hester Street Shop	4,217.45	
663	Distribution—Supp. & Expense—Avenue A Shop	6,267.76	
663	Distribution—Supp. & Expense—66th Street Shop	8,258.70	
663	Distribution—Supp. & Expense—114th Street Shop	13,026.19	
663	Distribution—Supp. & Expense—Repair Shop	10,379.81	
663	Distribution—Supp. & Expense—G. O. Meter Department	339.44	
663	Distribution — Taking Pressure — 66th St. Street Department	2.04	
663	Distribution—Taking Pressure—G. O. Street Department	3,260.69	52,583.3
692	Gas Meter & Installation Work—Hester Street Shop	39,361.66	
695	Gas Meter & Installation Work—Avenue A Shop	43,443.71	
	Amounts forward	82,805.37	167,823.2
	Amounts brought forward	82,805.37	167,823.2
698	Gas Meter & Installation Work—66th Street Shop	39,569.32	
701	Gas Meter & Installation Work—102nd Street Shop	72,195.14	194,569.8
679	Work on Consumers Premises—Hester Street Shop	17,578.26	
682	Work on Consumers Premises—Avenue A Shop	28,569.60	
683	Work on Consumers Premises—66th Street Shop	52,870.46	
684	Work on Consumers Premises—102nd Street Shop	79,862.67	178,880.9
719	Repairs Mains—Hester St. Street Department	48,167.26	
728	Repairs Mains—66th St. Street Department	47,116.54	
734	Repairs Mains—111th St. Street Department	45,018.85	
740	Repairs Mains—Pumping Drips	7,152.32	147,454.9
748	Repairs Services—Hester St. Street Dept.	42,045.11	
757	Repairs Services—66th St. Street Department	40,390.06	
765	Repairs Services—111th St. Street Dept.	37,513.68	
750	Repairs Services Frost Compts.—Hester St. Street Dept.	58.30	

Ledger Folio			
760	Repairs Services Frost Compts.—66th St. Street Department	4,063.99	
769	Repairs Services Frost Compts.—111th St. Street Dept.	1,397.92	125,469.06
777	Repairs Meters		212,855.20
788	Repairs Buildings (St. Depts. & shops)—Hester St. Street Dept	673.51	
788	Repairs Buildings (St. Depts. & shops)—66th St. Street Department	89.67	
788	Repairs Buildings (St. Depts. & shops)—111th St. Street Dept	743.30	
788	Repairs Buildings (St. Depts. & shops)—Hester Street Shop	242.56	
788	Repairs Buildings (St. Depts. & shops)—Avenue A Shop	2,451.70	
788	Repairs Buildings (St. Depts. & shops)—66th Street Shop	821.30	
788	Repairs Buildings (St. Depts. & shops)—114th Street Shop	1,966.80	
788	Repairs Buildings (St. Depts. & shops)—Repair Shop	6,761.04	13,749.88
792	Repairs Buildings (Elsewhere) — Hester Street Branch	415.40	
792	Repairs Buildings (Elsewhere) — Irving Place Branch	862.13	
	Amounts forward	1,277.53	1,040,803.18
	Amounts brought forward	1,277.53	1,040,803.18
792	Repairs Buildings (Elsewhere)—42nd Street Branch	380.00	
792	Repairs Buildings (Elsewhere)—Third Avenue Branch	1,801.47	
792	Repairs Buildings (Elsewhere) — General Office	3,547.93	
792	Repairs Buildings (Elsewhere)—18th Street Stable	668.42	
792	Repairs Buildings (Elsewhere)—20th Street Stable	395.81	
792	Repairs Buildings (Elsewhere)—45th Street Stable	3,014.05	
792	Repairs Buildings (Elsewhere) — 111th Street Stable	1,063.72	12,148.93
803	Repairs of Distribution Tools—Hester St. Street Dept.	4,099.40	
806	Repairs of Distribution Tools—66th St. Street Department	2,595.99	
809	Repairs of Distribution Tools—111th St. Street Dept.	3,374.59	
812	Repairs of Distribution Tools—Hester Street Shop	431.26	
815	Repairs of Distribution Tools—Avenue A Shop	468.11	
818	Repairs of Distribution Tools—66th Street Shop	1,619.68	
820	Repairs of Distribution Tools—102nd Street Shop	978.73	
825	Repairs of Distribution Tools—Repair Shop	1,888.26	15,456.02
826	Repairs of Tools Elsewhere—General Office	9 92	
826	Repairs of Tools Elsewhere—Engineers Department	.80	

Ledger Folio			
826	Repairs of Tools Elsewhere—Laboratory...	152.24	
826	Repairs of Tools Elsewhere—F. A. Dept...	66.30	229.3
842	Repairs Gas Appliances—66th Street Shop..	9,683.74	
837	Repairs Gas Appliances—102nd Street Shop	26,069.10	
835	Repairs Gas Appliances—Repair Shop.....	36,964.16	72,717.0
865	St. Lamps Repairs—66th St. Street Department	1,716.24	
875	St. Lamps Repairs—111th St. Street Dept..	2,200.59	3,916.8
881	Commercial Salaries—Hester Street Branch	86,000.11	
885	Commercial Salaries—Irving Place Branch.	123,835.94	
891	Commercial Salaries—42nd Street Branch..	105,559.29	
	Amounts forward	315,395.34	1,145,271.2
	Amounts brought forward.....	315,395.34	1,145,271.2
896	Commercial Salaries—Third Avenue Branch	196,686.78	512,082.1
901	Comm. Office Supp. & Exp.—Hester Street Branch	10,015.89	
905	Comm. Office Supp. & Exp.—Irving Place Branch	18,414.88	
910	Comm. Office Supp. & Exp.—42nd Street Branch	19,422.33	
915	Comm. Office Supp. & Exp.—Third Avenue Branch	32,088.41	79,941.5
689	Promotion Office Expense		122,495.1
933	Salaries—General Office		266,186.0
954	G. O. Supplies & Expense	179,627.20	
958	G. O. Supplies & Expense—Gas Rate Appeal	774.90	
959	G. O. Supplies & Expense—Franchise Litigation	292.37	
248	Employees Societies Expense	1,284.95	181,979.4
958	Legal Expense		93,223.1
965	Legal & Arrears		20,186.3
968	Insurance		83,842.2
972	Vacation and Sickness		10,663.4
974	Contributions to Employees Mutual Aid Society		7,131.1
977	Superannuation		12,361.9
984	Stable Expense		86,988.1
989	Automobile Expense		14,819.1
994	Distributing Expense—Westchester		15,671.6
1000	Experiments		6,436.5
996	Franchise Tax Litigation		5,457.7
998	Claims for Damages.....		22,142.0
1003	Real Estate Rents—Paid.....		75,293.5
846	*Less*—Street Lamps Operating Hester St. Street Department	295.21	
849	*Less*—Street Lamps Operating 66th St. Street Department	678.64	
852	*Less*—Street Lamps Operating 111th St. Street Department	1,814.64	
	Amounts forward	2,788.49	2,762,172.17
	Amounts brought forward	2,788.49	2,762,172.17
857	*Less:* Street Lamp Repairs Hester St. Street Department	52.63	

Ledger Folio				
1012	Undistributed Adjustments		26,479.32	
1014	Duplicate Gas Charges		180,764.66	210,085.10
				2,552,087.07
1033	Rent Expense		6,753.21	
	Less: Not applicable to Gas Business		5,852.33	900.88
				2,552,987.95
	Less:			
1076	Discounts			10,757.55
				2,542,230.40
	Deduct:			
	Profit & Loss items applicable to 1909			
1112	Led. 1910 Gas Rate Appeal Litigation		23,537.38	
1172	Led. 1918 Refund Paving Charges City of N. Y.			
	Total 1891-1910	51,480.58		
	Less: Applicable to other years	48,906.55	2,574.04	26,211.41
	Total per Exhibit No. 366			2,516,018.99

CONSOLIDATED GAS COMPANY

Cost of Distribution

1910

1045	Repairs Gas Appliances 66th Street Shop	19,398.70	
825	Repairs Gas Appliances 102nd Street Shop	24,745.11	
828	Repairs Gas Appliances 159th Street Shop	16,044.76	
836	Repairs Gas Appliances Repair Shop	30,584.53	90,773.10
707	Repairs of Street Mains Hester Street Department	70,104.94	
713	Repairs of Street Mains 66th Street Department	51,291.64	
718	Repairs of Street Mains 111th Street Department	32,941.52	
723	Repairs of Street Mains Pumping Drips	7,624.58	161,962.68
732	Repairs Services Hester St. Street Department	42,902.93	
741	Repairs Services 66th St. Street Department	31,167.98	
748	Repairs Services 111th St. Street Department	22,866.58	
734	Repairs Services (Frost Comp) Hester St. Street Department	2,050.39	
743	Repairs Services (Frost Comp) 66th St. Street Department	5,189.18	
752	Repairs Services (Frost Comp) 111th St. Street Department	6,106.14	110,283.20
760	Repairs Meters		161,049.11
648	Street Lamp Repairs Hester St. Street Department	309.90	
656	Street Lamp Repairs 66th St. Street Department	2,055.06	
664	Street Lamp Repairs 111th St. Street Department	5,880.08	8,245.04
970	Real Estate Rents Paid		87,172.53
976	Insurance		92,347.19
904	Franchise Tax Litigation		20,110.31
908	Legal Expense		65,942.88

Ledger Folio			
981	Contributions to Gas Co's. Mutual Aid Society		15,996.31
981	Superannuation		11,909.60
1007	Claims for Damages		9,238.42
999	Experiments		4,071.27
612	Distribution Superintendence Hester St. Street Deparement	5,878.93	
612	Distribution Superintendence 66th St. Street Department	5,301.67	
	Amounts forward	11,180.60	839,101.60
	Amounts brought forward	11,180.60	839,101.60
612	Distribution Superintendence—111th St. Street Dept.	8,243.04	
612	Distribution Superintendence—G. O. Street Dept.	9,602.55	
612	Distribution Superintendence—Hester Shop	13,083.88	
612	Distribution Superintendence—Avenue "A" Shop	15,865.45	
612	Distribution Superintendence—66th Street Shop	14,330.74	
612	Distribution Superintendence—102nd Street Shop	22,489.27	
612	Distribution Superintendence—159th Street Shop	11,676.31	
612	Distribution Superintendence—G O. Meter Dept.	8,747.47	
612	Distribution Superintendence—Taking Pressure	4,520.90	
612	Distribution Superintendence—Repair Shop	23,995.23	143,735.44
648	Distribution Supplies & Expenses—Hester St. Street Dept.	2,042.39	
648	Distribution Supplies & Expenses—66th St. Street Dept.	1,765.85	
648	Distribution Supplies & Expenses—111th St. Street Dept.	2,686.01	
648	Distribution Supplies & Expenses—G. O. Street Dept.	1,553.45	
648	Distribution Supplies & Expenses—Hester Street Shop.	5,390.77	
648	Distribution Supplies & Expenses—Ave. "A" Shop	8,584.21	
648	Distribution Supplies & Expenses—66th Street Shop.	10,503.04	
648	Distribution Supplies & Expenses—102nd Street Shop.	15,108.19	
648	Distribution Supplies & Expenses—159th Street Shop.	6,694.04	
648	Distribution Supplies & Expenses—Repair Shop	10,349.23	
648	Distribution Supplies & Expenses—G. O. Meter Dept.	281.66	
648	Distribution Supplies & Expenses—Taking Pressure	3,394.33	68,353.17
655	Gas Meter & Inst. Work—Hester Street Shop	46,597.69	
659	Gas Meter & Inst. Work—Ave. "A" Shop.	51,960.86	
663	Gas Meter & Inst. Work—66th Street Shop	45,831.98	

Ledger Folio			
667	Gas Meter & Inst. Work—102nd Street Shop	61,506.42	
670	Gas Meter & Inst. Work—159th Street Shop	26,620.47	232,517.42
	Amount forward		1,283,707.71

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION

	Amount brought forward		1,283,707.71
677	Work on Consumers Premises—Hester Street Shop	26,012.24	
695	Work on Consumers Premises—Avenue "A" Shop	43,923.93	
688	Work on Consumers Premises—66th Street Shop	63,773.60	
693	Work on Consumers Premises—102nd Shop	84,635.62	
698	Work on Consumers Premises—159th Street Shop	31,471.86	249,817.25
774	Repairs Buildings St. Depts. & Shops—Hester St. Street Dept	710.67	
774	Repairs Buildings St. Depts. & Shops—66th St. Street Dept	923.83	
774	Repairs Buildings St. Depts. & Shops—111th St. Street Dept	236.46	
774	Repairs Buildings St. Depts. & Shops—Hester Shop	361.06	
774	Repairs Buildings St. Depts. & Shops—Avenue "A" Shop	790.59	
774	Repairs Buildings St. Depts. & Shops—66th Street Shop	791.79	
774	Repairs Buildings St. Depts. & Shops—102nd Street Shop	655.63	
774	Repairs Buildings St. Depts. & Shops—159th Street Shop	287.05	
774	Repairs Buildings St. Depts. & Shops—Repair Shop	3,810.43	8,567.51
701	Repairs Buildings Elsewhere—Hester Street Branch	2,157.41	
701	Repairs Buildings Elsewhere—Irving Place Branch	1,674.75	
701	Repairs Buildings Elsewhere—42nd Street Branch	342.00	
701	Repairs Buildings Elsewhere—Third Avenue Branch	11,990.47	
701	Repairs Buildings Elsewhere—Amst. Avenue Branch	494.36	
701	Repairs Buildings Elsewhere—General Office	2,891.18	
701	Repairs Buildings Elsewhere—18th Street Stable	1,686.56	
701	Repairs Buildings Elsewhere—20th Street Stable	2,568.23	
701	Repairs Buildings Elsewhere—45th Street Stable	316.60	
701	Repairs Buildings Elsewhere—111th Street Stable	427.31	
701	Repairs Buildings Elsewhere—159th Street Stable	21.17	24,570.04

Ledger Folio				
794	Repairs Distribution Tools—Hester Street Street Dept.	4,441.64		
797	Repairs Distribution Tools—66th St. Street Dept.	2,729.40		
	Amounts forward	7,171.04	1,566,662.3	
	Amounts brought forward	7,171.04	1,566,662.3	
800	Repairs Distribution Tools—111th Street Dept.	4,578.93		
802	Repairs Distribution Tools—Hester Street Shop	965.63		
804	Repairs Distribution Tools—Avenue "A" Shop	1,102.24		
806	Repairs Distribution Tools—66th Street Shop	2,230.67		
808	Repairs Distribution Tools—102nd Street Shop	1,793.02		
809	Repairs Distribution Tools—159th Street Shop	667.42		
812	Repairs Distribution Tools—Repair Shop..	2,107.04	20,615.3	
814	Repairs Tools Elsewhere—General Office..	47.62		
814	Repairs Tools Elsewhere—Engr. Dept.....	87.80		
814	Repairs Tools Elsewhere—Laboratory.....	276.53		
814	Repairs Tools Elsewhere—F. A. Dept.....	54.41	46.3	
868	Commercial Salaries—Hester Street Branch	92,615.22		
873	Commercial Salaries—Irving Place Branch.	126,903.52		
879	Commercial Salaries—42nd Street Branch..	110,825.28		
885	Commercial Salaries—Third Avenue Branch	166,857.19		
890	Commercial Salaries—Amst. Avenue Branch	63,731.52	560,932.7	
896	Commercial Office Supplies & Expenses—Hester Street Branch	10,444.07		
901	Commercial Office Supplies & Expenses—Irving Place Branch	18,528.01		
906	Commercial Office Supplies & Expenses—42nd Street Branch	19,773.83		
912	Commercial Office Supplies & Expenses—Third Avenue Branch	29,257.14		
915	Commercial Office Supplies & Expenses—Amst. Avenue Branch	13,391.18	91,394.3	
892	Promotion Office Expense		182,937.3	
940	Salaries General Office		290,740.9	
80	G. O. Supplies & Expenses—Employees Society Expense	2,690.23		
887	G. O. Supplies & Expenses	97,093.52		
965	G. O. Supplies & Expenses—Gas Rate Appeal	75.63	99,859.3	
971	Legal and Arrears Expense		16,767.3	
	Amount forward		2,830,376.4	
	Amount brought forward		2,830,376.4	
980	Vacations and Sickness		14,228.2	
984	Stable Expense		93,787.9	
986	Auto Expense		42,111.0	
997	Distributing Expense—Inter Co. Sales		10,033.0	
			2,990,536.0	
838	*Less:* Street Lamps—Operating Hester St. Street Dept.	292.85		

Ledger Folio				
840	Street Lamps—Operating 66th St. Street Dept.		606.71	
842	Street Lamps—Operating 111th St. Street Dept.		2,297.38	
1026	Undistributed Adjustments		18,802.08	
1031	Duplicate Gas Charges		167,104.65	189,103.67
				2,801,432.38
1044	Rent Expense		5,472.97	
	Less: Not applicable to Gas Business		4,635.99	836.98
				2,802,269.36
	Less:			
1086	Discount			13,350.28
				2,788,919.08
	Add: Profit and Loss Items applicable to 1910			
955	Led. 1911 Promotion Office Expenses			10,794.89
				2,799,713.97
	Deduct: Profit and Loss Items applicable to 1910			
1172	Led. 1918 Refund—Paving Charges to City of New York Total 1891-1910	51,480.58		
	Less: Applicable to other years.	48,906.55	2,574.03	
	Amounts forward		2,574.03	2,799,713.97
	Amounts brought forward		2,574.03	2,799,713.97
1080	Led. 1916—Included in charges to Sundry Debtors	47,280.01		
	Salaries General Office 1910-1915	43,200.00		
	Less applicable to other years.	36,000.00	7,200.00	
1044	Led. 1917—Insurance 1910-1913.	37,610.68		
	Less applicable to other years	36,703.58	907.10	10,681.13
	Total per Exhibit No. 366			2,789,032.84

CONSOLIDATED GAS COMPANY

Cost of Distribution 1911

700	Repairs of Gas Appliances—66th Street Shop		18,839.81	
700	Repairs of Gas Appliances—102nd Street Shop		13,570.30	
700	Repairs of Gas Appliances—159th Street Shop		15,016.49	
700	Repairs of Gas Appliances—Meter Repair Shop		29,989.29	77,415.89
484	Repairs of Street Mains—Hester St. Street Dept.		59,997.70	
484	Repairs of Street Mains—66th St. Street Dept.		58,056.82	
484	Repairs of Street Mains—111th St. Street Dept.		43,739.86	
623	Repairs of Street Mains—Pumping Drips		8,965.55	170,759.93
945	Repairs of Services—Hester St. Street Dept.		48,510.77	

Ledger Folio			
645	Repairs of Services—66th St. Street Dept.	40,231.96	
645	Repairs of Services—111th St. Street Dept.	25,411.03	
668	Repairs of Services—Frost Compts.—Hester St. Street Dept.	5,452.53	
668	Repairs of Services—Frost Compts.—66th St. Street Dept.	2,483.70	
668	Repairs of Services—Frost Compts.—111th St. Street Dept.	11,414.41	133,594.4
655	Repairs Meters		189,026.5
663	Repairs of Buildings Street Depts. & Shops —Hester St. St. Dept.	1,146.79	
663	Repairs of Buildings Street Depts. & Shops —66th St. St. Dept.	1,104.95	
663	Repairs of Buildings Street Depts. & Shops —111th St. St. Dept.	2,271.01	
663	Repairs of Buildings Street Depts. & Shops —Hester St. Shop	642.12	
663	Repairs of Buildings Street Depts. & Shops —Avenue A Shop	138.08	
663	Repairs of Buildings Street Depts. & Shops —66th Street Shop	1,143.85	
663	Repairs of Buildings Street Depts. & Shops —102nd Street Shop	663.05	
663	Repairs of Buildings Street Depts. & Shops —159th Street Shop	436.03	
663	Repairs of Buildings Street Depts. & Shops —Meter Repair Shop	2,578.34	
675	Repairs of Buildings Elsewhere—Hester St. Branch	1,134.11	
675	Repairs of Buildings Elsewhere—Irving Place Branch	192.50	
675	Repairs of Buildings Elsewhere—Third Avenue Branch	1,777.69	
675	Repairs of Buildings Elsewhere—Amst. Avenue Branch	648.08	
	Amounts forward	13,876.60	570,708.9
	Amounts brought forward	13,876.60	570,708.9
675	Repairs of Buildings Elsewhere—General Office	1,311.78	
675	Repairs of Buildings Elsewhere—F. A. Department	1,173.92	
675	Repairs of Buildings Elsewhere—18th Street Stable	310.79	
675	Repairs of Buildings Elsewhere—21st Street Stable	179.26	
675	Repairs of Buildings Elsewhere—45th Street Stable	343.02	
675	Repairs of Buildings Elsewhere—111th Street Stable	98.46	
675	Repairs of Buildings Elsewhere—159th Street Stable	16.34	17,311.7
732	Street Lamp Repairs—Hester St. Street Dept.	550.02	
738	Street Lamp Repairs—66th St. Street Dept.	1,620.01	
747	Street Lamp Repairs—111th St. Street Dept.	3,849.41	6,017.4
874	Real Estate Rents Paid		96,718.3
847	Insurance		96,707.4

Folio Ledger			
839	Legal Expense	.....	42,036.50
853	Contributions to Employees Mutual Aid Society	.....	22,772.57
853	Superannuation	.....	10,727.00
871	Claims for Damages	.....	24,897.16
866	Experiments	.....	1,191.87
515	Distribution Superintendence—Hester St. Street Dept.	6,391.24	
515	Distribution Superintendence—66th St. Street Dept.	5,541.23	
515	Distribution Superintendence—111th St. Street Dept.	9,236.27	
515	Distribution Superintendence — Hester Street Shop	13,333.23	
515	Distribution Superintendence—Avenue A Shop	18,954.75	
515	Distribution Superintendence—66th Street Shop	16,318.32	
515	Distribution Superintendence—102nd Street Shop	20,525.06	
515	Distribution Superintendence—159th Street Shop	14,742.70	
515	Distribution Superintendence—Repair Shop	26,249.94	
515	Distribution Superintendence—G. O. Meter Department	10,289.96	
	Amounts forward	141,582.70	889,187.29
	Amounts brought forward	141,582.70	889,187.29
515	Distribution Superintendence—G. O. St. Dept.	12,481.75	
515	Distribution Superintendence — Taking Pressure	3,977.90	158,042.35
553	Distribution Supplies & Expense—Hester St. Street Dept.	2,159.06	
553	Distribution Supplies & Expense—66th St. Street Dept.	2,512.53	
553	Distribution Supplies & Expense—111th St. Street Dept.	3,039.93	
553	Distribution Supplies & Expense—G. O. St. Street Dept.	2,010.09	
553	Distribution Supplies & Expense—Hester Street Shop	5,524.84	
553	Distribution Supplies & Expense—Avenue A Shop	9,935.59	
553	Distribution Supplies & Expense—66th Street Shop	11,973.73	
553	Distribution Supplies & Expense—102nd Street Shop	13,846.96	
553	Distribution Supplies & Expense—159th Street Shop	10,119.84	
553	Distribution Supplies & Expense—Meter Repair Shop	14,482.29	
535	Distribution Supplies & Expense—G. O. Meter Dept.	349.40	
553	Distribution Supplies & Expense—Taking Pressure	3,417.38	79,371.64
559	Gas Meter & Installation Work—Hester Street Shop	47,481.25	
563	Gas Meter & Installation Work—Avenue A Shop	54,600.43	

Ledger Folio			
567	Gas Meter & Installation Work—66th Street Shop	52,312.61	
570	Gas Meter & Installation Work—102nd Street Shop	52,917.46	
574	Gas Meter & Installation Work—159th Street Shop	34,688.57	242,009.2
650	Work on Consumers Premises—Hester Street Shop	28,361.58	
564	Work on Consumers Premises—Avenue A Shop	51,826.44	
593	Work on Consumers Premises—66th Street Shop	68,737.15	
576	Work on Consumers Premises—102nd Street Shop	87,649.66	
604	Work on Consumers Premises—159th Street Shop	45,864.77	282,439.6
688	Repairs Distribution Tools—Hester St. Street Dept.	4,884.42	
688	Repairs Distribution Tools—66th St. Street Dept.	2,958.66	
688	Repairs Distribution Tools—111th St. Street Dept.	4,964.51	
	Amounts forward	12,807.59	1,651,04[illegible]
	Amounts brought forward	12,807.59	1,651,04[illegible]
698	Repairs Distribution Tools—Shops Hester Street Shop	1,204.10	
698	Repairs DistributionTools—Shops Avenue A Shop	1,723.71	
698	Repairs Distribution Tools—Shops 66th Street Shop	2,754.55	
698	Repairs Distribution Tools—Shops 102nd Street Shop	1,809.87	
698	Repairs Distribution Tools—Shops 159th Street Shop	1,058.24	
698	Repairs Distribution Tools—Shops Meter Repair Shop	2,679.37	
702	Repairs of Tools—Elsewhere—General Office	14.86	
702	Repairs of Tools—Elsewhere—Engineering Department	65.52	
702	Repairs of Tools—Elsewhere—F. A. Department	48.06	
702	Repairs of Tools—Elsewhere—Laboratory	554.20	24,720.0[illegible]
755	Commercial Salaries — Hester Street Branch	92,405.81	
754	Commercial Salaries—Irving Place Branch	129,112.32	
759	Commercial Salaries—42nd Street Branch.	118,994.87	
762	Commercial Salaries—Third Avenue Branch	138,669.92	
766	Commercial Salaries — Amst. Avenue Branch	89,668.67	568,851.5[illegible]
182	Comm. Office—Supp. & Expenses—Hester Street Branch	11,274.17	
182	Comm. Office—Supp. & Expenses—Irving Place Branch	19,788.51	
182	Comm. Office—Supp. & Expenses—42nd Street Branch	23,576.22	
182	Comm. Office—Supp. & Expenses—Third Avenue Branch	24,511.42	

Ledger Folio				
182	Comm. Office—Supp. & Expenses—Amst. Avenue Branch	19,754.36		98,904.68
679	Promotion Office Expense			205,272.95
808	Salaries—General Office			314 245.02
676	G. O. Supplies and Expense			111,950.18
844	Legal and Arrears Expense			20,014.68
851	Vacation and Sickness			18,304.51
854	Stable Expense			102,809.40
856	Automobile Expense			50,877.13
	Amount forward			3,166,991.41
	Amount brought forward			3,166,991.41
865	Distributing Expense—Inter. Co. Sales			8,894.04
				3,175,885.45
721	*Less* St. Lamps—Operating Hester St. Street Dept.	951.18		
724	St. Lamps—Operating 66th St. Street Dept.	568.96		
726	St. Lamps—Operating 111th St. Street Dept.	1.762.19		
882	Undistributed Adjustments	29,373.06		
884	Duplicate Gas Charges	175,703.43		208,358.82
				2,967,526.63
896	Rent Expense	6,719.01		
	Less not applicable to Gas Business	6,111.05		607.96
				2,968,134.59
	Less:			
930	Discounts			15.330.89
				2,952,803.70
	Deduct:			
	Profit and Loss Items applicable to 1911			
1112	Led. 1912 Claims for Damages		4,817.68	
1080	Led. 1916 Included in charge to Sundry Debtors	$47,280.01		
	Salaries General Office 1910-1915	43,200.00		
	Less applicable to other years	36,000.00	7,200.00	
1044	Led. 1917 Insurance 1910-1913	37,610.68		
	Less applicable to other years	14.338.70	23,271.98	35,289.66
	Total per Exhibit No. 366			2,917.514.04

CONSOLIDATED GAS COMPANY

Cost of Distribution

1912

695	Distribution Supplies & Expense—Hester St. Street Dept.	2,724.35	
595	Distribution Supplies & Expense—66th St. Street Dept.	2,725.57	
695	Distribution Supplies & Expense—111th St. Street Dept.	3,332.57	
695	Distribution Supplies & Expense—G. O. Street Dept.	2,414.40	
695	Distribution Supplies & Expense—Hester Street Shop	5,990.89	

Ledger Folio			
695	Distribution Supplies & Expense—2nd Avenue Shop	12,350.55	
695	Distribution Supplies & Expense—66th Street Shop	12,045.36	
695	Distribution Supplies & Expense—102nd Street Shop	15,027.36	
695	Distribution Supplies & Expense—159th Street Shop	10,823.39	
695	Distribution Supplies & Expense—G. O. Meter Department	453.31	
695	Distribution Supplies & Expense—Meter Repair Shop	13,087.05	
695	Distribution Supplies & Expense Taking Pressure	4,049.00	85,023.83
660	Distribution Superintendence — Hester St. Street Dept.	6,675.07	
660	Distribution Superintendence — 66th St. Street Dept.	4,677.64	
660	Distribution Superintendence — 111th St. Street Dept.	11,418.16	
660	Distribution Superintendence—G. O. Street Department	12,352.06	
660	Distribution Superintendence—Hester Street Shop	14,274.39	
660	Distribution Superintendence—2nd Avenue Shop	20,075.23	
660	Distribution Superintendence—66th Street Shop	18,189.56	
660	Distribution Superintendence—102nd Street Shop	22,455.24	
660	Distribution Superintendence—159th Street Shop	16,221.71	
660	Distribution Superintendence—G. O. Meter Department	10,869.46	
660	Distribution Superintendence—Meter Repair Shop	33,814.81	
660	Distribution Superintendence—Taking Pressure	3,974.69	174,998.02
702	Gas Meter & Installation Work—Hester Street Shop	53,108.63	
703	Gas Meter & Installation Work—2nd Avenue Shop	64,206.86	
710	Gas Meter & Installation Work—66th Street Shop	60,397.21	
712	Gas Meter & Installation Work—102nd Street Shop	66,612.17	
	Amounts forward	244,324.87	260,021.85
	Amounts brought forward	244,324.87	260,021.85
715	Gas Meter & Installation Work—159th Street Shop	42,429.19	286,754.06
726	Work on Consumers Premises—Hester Street Shop	32,959.62	
706	Work on Consumers Premises—2nd Avenue Shop	54,708.86	
707	Work on Consumers Premises—66th Street Shop	66,675.81	
713	Work on Consumers Premises—102nd Street Shop	79,434.20	

Ledger Folio			
752	Work on Consumers Premises—159th Street Shop	54,752.34	288,530.83
876	Repairs of Street Mains—Hester St. Street Dept.	202,994.90	
876	Repairs of Street Mains—66th St. Street Dept.	112,628.41	
876	Repairs of Street Mains—111th St. Street Dept.	74,838.83	
775	Repairs of Street Mains—Pumping Drips	10,712.83	401,174.97
880	Repairs of Services—Hester St. Street Dept.	89,501.98	
880	Repairs of Services—66th St. Street Dept.	45,893.17	
880	Repairs of Services—111th St. Street Dept.	26,478.53	
877	Repairs of Services Frost Compts.—Hester St. Street Dept.	2,723.57	
877	Repairs of Services Frost Compts.—66th St. Street Dept.	5,198.00	
877	Repairs of Services Frost Compts.—111th St. Street Dept.	22,646.36	192,441.61
810	Repairs of Meters		177,872.72
817	Repairs of Buildings St. Depts. & Shops—Hester St. Street Dept.	261.52	
817	Repairs of Buildings St. Depts. & Shops—66th St. Street Dept.	862.16	
817	Repairs of Buildings St. Depts. & Shops—111th St. Street Dept.	740.23	
817	Repairs of Buildings St. Depts. & Shops—Hester Street Shop	90.12	
817	Repairs of Buildings St. Depts. & Shops—2nd Avenue Shop	5.50	
817	Repairs of Buildings St. Depts. & Shops—66th Street Shop	646.03	
817	Repairs of Buildings St. Depts. & Shops—102nd Street Shop	306.05	
817	Repairs of Buildings St. Depts. & Shops—159th Street Shop	661.09	
817	Repairs of Buildings St. Depts. & Shops—Meter Repair Shop	1,360.03	
825	Repairs of Buildings—Elsewhere—Hester Street Branch	117.83	
	Amounts forward	5,050.56	1,606,796.04
	Amounts brought forward	5,050.56	1,606,796.04
825	Repairs of Buildings—Elsewhere—3rd Avenue Branch	954.98	
825	Repairs of Buildings—Elsewhere—Amst. Avenue Branch	330.90	
825	Repairs of Buildings—Elsewhere—General Office	1,054.55	
825	Repairs of Buildings—Elsewhere—18th Street Stable	66.26	
825	Repairs of Buildings—Elsewhere—18th Street Garage	248.97	
825	Repairs of Buildings—Elsewhere—21st Street Stable	318.08	
825	Repairs of Buildings—Elsewhere—45th Street Stable	138.52	
825	Repairs of Buildings—Elsewhere—111th Street Stable	177.62	8,340.44

Ledger Folio			
142	Repairs Dist. Tools St. Depts. & Shops—Hester St. Street Dept.	5,273.45	
142	Repairs Dist. Tools St. Depts. & Shops—66th St. Street Dept.	3,593.69	
142	Repairs Dist. Tools St. Depts. & Shops—111th St. Street Dept.	5,566.49	
142	Repairs Dist. Tools St. Depts. & Shops—Hester Street Shop	922.54	
142	Repairs Dist. Tools St. Depts. & Shops—2nd Avenue Shop	1,592.07	
142	Repairs Dist. Tools St. Depts. & Shops—66th Street Shop	2,557.62	
142	Repairs Dist. Tools St. Depts. & Shops—102nd Street Shop	1,768.13	
142	Repairs Dist. Tools St. Depts. & Shops—159th Street Shop	940.99	
142	Repairs Dist. Tools St. Depts. & Shops—Meter Repair Shop	6,413.69	
846	Repairs of Tools—Elsewhere—General Office	80.41	
846	Repairs of Tools—Elsewhere—Eng. Department	119.95	
846	Repairs of Tools—Elsewhere—Laboratory	318.09	
846	Repairs of Tools—Elsewhere—F. A. Department	106.72	
846	Repairs of Tools—Elsewhere—Utilization Department	10.56	29,264.40
716	Repairs Gas Appl. Meter & Inst. Work—66th Street Shop	16,012.13	
716	Repairs Gas Appl. Meter & Inst. Work—102nd Street Shop	16,533.01	
716	Repairs Gas Appl. Meter & Inst. Work—159th Street Shop	13,372.68	
716	Repairs Gas Appl. Meter & Inst. Work—Repair Shop	27,206.20	73,124.02
894	St. Lamps Repairs—Hester St. Street Dept.	280.39	
	Amounts forward	280.39	1,717,524.90
	Amounts Brought forward	280.39	1,717,524.90
894	Street Lamps Repairs—66th St. Street Dept.	3,168.75	
894	Street Lamps Repairs—111th St. Street Dept	9,046.78	12,495.92
900	Commercial Salaries—Hester Street Branch	93,792.94	
903	Commercial Salaries—Irving Place Branch	135,328.68	
907	Commercial Salaries—42nd Street Branch	119,507.48	
911	Commercial Salaries — Third Avenue Branch	145,424.66	
916	Commercial Salaries—Amst. Avenue Branch	94,060.16	588,113.92
935	Comm. Office Supplies & Expenses—Hester Street Branch	11,343.09	
935	Comm. Office Supplies & Expenses—Irving Place Branch	20,016.07	
935	Comm. Office Supplies & Expenses—42nd Street Branch	24,175.31	
935	Comm. Office Supplies & Expenses—Third Avenue Branch	27,249.80	
935	Comm. Office Supplies & Expenses—Amst. Avenue Branch	19,514.97	102,300.14

Ledger Folio				
963	Promotion Office Expense			207,618.51
968	Salaries General Office			336,554.60
831	General Office Supplies and Expenses			134,244.37
1005	Legal Expense			44,748.81
1012	Legal and Arrears Expense			22,256.73
1015	Insurance			101,258.49
1019	Vacation and Sickness			20,569.84
1021	Contributions to Gas Co.'s Mutual Aid Society			36,294.64
1021	Superannuation			10,411.00
1022	Stable Expense			112,785.79
1023	Automobile Expense			61,383.68
1029	Distributing Expense—Inter Company Sales			5,972.10
1030	Experiments			3,002.66
1035	Claims for Damages			16,706.03
1038	Real Estate Rents paid			100,237.34
	Amount forward			3,634,479.47
	Amount brought forward			3,634,479.47
881	*Less:* Street Lamp Operating—Hester St. Street Dept.		1,217.77	
882	Street Lamp Operating—66th St. Street Dept.		337.82	
883	Street Lamp Operating—111th St. Street Dept.		1,253.28	
1046	Undistributed Adjustment		44,616.23	
1048	Duplicate Gas Charges		179,803.83	227,228.93
				3,407,250.54
1060	Rent Expense		6,257.22	
	Less: Not applicable to Gas Business		4,545.56	1,711.66
				3,408,962.20
	Less:			
1090	Discounts			16,813.03
				3,392,149.17
	Add:			
	Profit and Loss Items applicable to 1912			
1024	Led. 1913 Use of distributing system		7,600.00	
1023	Led. 1914 Promotion Expense 1912-1913	57,395.25		
	Less applicable to 1913	39,087.00	18,308.25	25,908.25
				3,418,057.42
	Deduct:			
	Profit and Loss Items applicable to 1912			
1024	Led. 1913 Included in charge to Sundry Debtors $102,841.51 Operation Kingsbridge Station		2,352.59	
1080	Led. 1916 Included in charge to Sundry Debtors $47,280.01 Salaries Gen'l Office 1910-1915	43,200.00		
	Less applicable to other years	36,000.00	7,200.00	
1044	Led. 1917 Insurance 1910-1913	37,610.68		
	Less applicable to other years	28,879.81	8,730.87	
1023	Led. 1914 Promotion Expense 1912-1913	39,181.83		
	Less applicable to 1913	27,197.99	11,983.84	30,267.30
	Total per Exhibit No. 366			3,387,790.12

CONSOLIDATED GAS COMPANY
COST OF DISTRIBUTION
1913

Ledger Folio			
572	Distribution Superintendence—Hester St. Street Dept.	6,846.85	
572	Distribution Superintendence—66th St. Street Dept.	4,555.83	
572	Distribution Superintendence—111th St. Street Dept.	9,869.86	
572	Distribution Superintendence—G. O. Street Dept.	15,047.38	
572	Distribution Superintendence—Hester Street Shop	14,113.18	
572	Distribution Superintendence—2nd Avenue Shop	22,682.08	
572	Distribution Superintendence—66th Street Shop	19,042.08	
572	Distribution Superintendence—102nd Street Shop	25,469.42	
572	Distribution Superintendence—159th Street Shop	18,736.07	
572	Distribution Superintendence—Meter Repair Shop	21,179.95	
572	Distribution Superintendence—G. O. Meter Dept.	12,299.62	
572	Distribution Superintendence—Taking Pressure	2,922.41	172,764.73
604	Distribution Supplies Expenses—Hester St. Street Dept.	2,587.99	
604	Distribution Supplies Expenses—66th St. Street Dept.	2,514.25	
604	Distribution Supplies Expenses—111th St. Street Dept.	2,189.76	
604	Distribution Supplies Expenses—G. O. Street Dept.	2,206.42	
604	Distribution Supplies Expenses—Hester Street Shop	4,900.13	
604	Distribution Supplies Expenses—2nd Avenue Shop	9,846.65	
604	Distribution Supplies Expenses—66th Street Shop	11,090.72	
604	Distribution Supplies Expenses—102nd Street Shop	11,459.13	
604	Distribution Supplies Expenses—159th Street Shop	9,949.18	
604	Distribution Supplies Expenses—Meter Repair Shop	7,882.43	
604	Distribution Supplies Expenses—G.O. Meter Dept.	1,154.75	
604	Distribution Supplies Expenses—Taking Pressure	4,235.72	70,017.13
611	Meter & Installation Work—Hester Street Shop	38,525.52	
614	Meter & Installation Work—2nd Avenue Shop	48,291.49	
619	Meter & Installation Work—66th Street Shop	43,453.03	
622	Meter & Installation Work—102nd Street Shop	44,942.17	
	Amounts forward	175,212.21	242,781.86

Ledger Folio			
	Amounts brought forward.....	175,212.21	242,781.86
626	Meter & Installation Work—159th Street Shop	29,133.37	204,345.58
633	Work on Consumers Premises—Hester Street Shop.....	32,221.03	
623	Work on Consumers Premises—2nd Avenue Shop	51,305.28	
628	Work on Consumers Premises—66th Street Shop	62,500.99	
635	Work on Consumers Premises—102nd Street Shop	69,923.32	
662	Work on Consumers Premises—159th Street Shop	51,360.75	267,311.37
689	Repairs of Street Mains—Hester St. Street Dept.	90,998.75	
689	Repairs of Street Mains—66th St. Street Dept.	74,488.95	
689	Repairs of Street Mains—111th St. Street Dept.	55,830.30	
689	Repairs of Street Mains—Pump Drips....	10,193.55	231,511.55
718	Repairs of Services—Hester St. Street Dept.	40,510.17	
718	Repairs of Services—66th St. Street Dept...	37,983.20	
718	Repairs of Services—111th St. Street Dept.	26,056.28	
718	Repairs of Services—Frost Comp.....	12,346.58 13,418.16	130,314.39
732	Repairs of Meters.....		188,324.95
737	Repairs of Buildings St. Depts. & Shops—Hester St. Street Dept.....	299.17	
737	Repairs of Buildings St. Depts. & Shops—66th St. Street Dept.....	348.35	
737	Repairs of Buildings St. Depts. & Shops—Hester Street Shop.....	395.54	
737	Repairs of Buildings St. Depts. & Shops—66th Street Shop.....	1,058.71	
737	Repairs of Buildings St. Depts. & Shops—102nd Street Shop.....	430.18	
737	Repairs of Buildings St. Depts & Shops—159th Street Shop	1,373.83	
737	Repairs of Buildings St. Depts & Shops—Meter Repair Shop	313.08	
		4,218.86	
737	Repairs of Buildings Less Credit Bal. 111th St. Street Dept.	43.90	4,174.96
744	Repairs of Buildings Elsewhere—Hester Street Branch	1,149.83	
744	Repairs of Buildings Elsewhere—3rd Avenue Branch	1,149.83	
744	Repairs of Buildings Elsewhere—General Office	621.41	
	Amounts forward.....	2,545.03	1,268,764.66
	Amounts brought forward.....	2,545.03	1,268,764.66
744	Repairs of Buildings Elsewhere—18th Street Garage	52.83	
744	Repairs of Buildings Elsewhere—18th Street Stable	4.92	

Ledger Folio			
744	Repairs of Buildings Elsewhere—21st Street Stable	242.17	
744	Repairs of Buildings Elsewhere—45th Street Stable	83.61	
744	Repairs of Buildings Elsewhere—111th Street Stable	1,048.20	3,976.76
766	Repairs of Tools Elsewhere—General Office	9.18	
766	Repairs of Tools Elsewhere—Utiliz. Department	36.69	
766	Repairs of Tools Elsewhere—Eng. Department.	117.85	
766	Repairs of Tools Elsewhere—Laboratory..	484.83	
766	Repairs of Tools Elsewhere—F. A. Dept....	25.98	674.53
764	Repairs of Dist. Tools St. Depts. & Shops—Hester St. Street Dept	6,258.20	
764	Repairs of Dist. Tools St. Depts. & Shops—66th St. Street Dept	3,522.81	
764	Repairs of Dist. Tools St. Depts. & Shops—111th St. Street Dept	6,689.74	
764	Repairs of Dist. Tools St. Depts. & Shops—Hester Street Shop	675.09	
764	Repairs of Dist. Tools St. Depts. & Shops—2nd Avenue Shop	1,469.97	
764	Repairs of Dist. Tools St. Depts. & Shops—66th Street Shop	2,389.47	
764	Repairs of Dist. Tools St. Depts. & Shops—102nd Street Shop	1,775.03	
764	Repairs of Dist. Tools St. Depts. & Shops—159th Street Shop	1,231.14	
764	Repairs of Dist. Tools St. Depts. & Shops—Meter Repair Shop	2,237.49	26,248.94
792	Repairs of Gas Appliances—66th Street Shop	21,513.00	
792	Repairs of Gas Appliances—102nd Street Shop	22,488.06	
792	Repairs of Gas Appliances—159th Street Shop	19,564.45	
792	Repairs of Gas Appliances—Meter Repair Shop	21,571.80	85,137.31
805	Street Lamp Repairs—Hester Street Department.	1,061.68	
805	Street Lamp Repairs—66th Street Department	3,926.51	
805	Street Lamp Repairs—111th Street Department.	8,462.76	13,450.95
811	Commercial Salaries—Hester Street Branch	91,735.83	
	Amounts forward	91,735.83	1,398,253.15
	Amounts brought forward	91,735.83	1,398,253.15
816	Commercial Salaries—Irving Place Branch	133,863.39	
819	Commercial Salaries—42nd Street Branch..	117,567.82	
823	Commercial Salaries—Third Avenue Branch	139,578.31	
827	Commercial Salaries—Amst. Avenue Branch	93,675.11	576,420.46
845	Commercial Office Supp. & Expense—Hester Street Branch	11,963.97	

Ledger Folio				
845	Commercial Office Supp. & Expense—15th Street Branch	20,458.83		
845	Commercial Office Supp. & Expense—42nd Street Branch	25,588.34		
845	Commercial Office Supp. & Expense—Third Avenue Branch	25,397.45		
845	Commercial Office Supp. & Expense—Amst. Avenue Branch	21,005.49		104,414.08
27	Promotion Office Expense			229,570.17
880	Salaries General Office			335,360.87
917	G. O. Supplies and Expenses			125,947.25
928	Legal Expenses			41,704.34
924	Legal and Arrears Expense			21,793.51
931	Insurance			160,229.38
935	Vacation and Sickness			25,711.43
944	Disability			5,610.16
937	Contributions to Gas Co's. Employees M. A. Soc.			21,490.19
938	Superannuation			10,909.62
939	Stable Expense			100,128.99
940	Automobile Expense			75,714.32
946	Experiments			985.99
952	Claims for Damages			24,351.78
954	Real Estate Rents paid			99,135.84
947	Use of Distributing System			7,600.00
				3,365,331.53
703	*Less:* St. Lamp Operating—Hester St. Street Dept.	1,051.74		
	Amounts forward	1,051.74		3,365,331.53
	Amounts brought forward	1,051.74		3,365,331.53
705	Street Lamp Operating—111th Street St. Dept.	1,113.67		
962	Undistributed Adjustments	64,002.70		
963	Duplicate Gas Charges	143,691.98		
		209,860.09		
704	St. Lamp Operating "Debit Bal."—66th Street St. Dept.	434.22		209,425.87
				3,155,905.66
976	Rent Expense	4,896.72		
	Less: Not applicable to Gas Business	3,839.48		1,057.24
				3,156,962.90
	Add:			
	Profit & Loss items applicable to 1913			
1023	Led. 1914 Promotion Expense 1912-1913	57,395.25		
	Less: Amount applicable to 1912	18,308.25		39,087.00
				3,196,049.90
	Deduct:			
	Profit & Loss items applicable to 1913			
1023	Led. 1914 Promotion Office Expense	22,432.47		
1060	Led. 1916 Included in Charge to Sundry Debtors.... $47,280.01			
	Salaries General Off. 1910/1915 ..... 43,200.00			
	Less applicable to other years 36,000.00		7,200.00	

Ledger Folio					
1044	Led. 1917	Insurance 1910/1913..	37,610.68		
		Less applicable to other years	32,909.95	4,700.73	
1023	Led. 1914	Promotion Expense 1912/1913	39,181.83		
		Less applicable to 1912	11,983.84	27,197.99	
1108	Led. 1915	Repairs of Gas Appliances 1913/1914	29,279.27		
		Less applicable to 1914	794.22	28,485.05	90,016.3
		Total per Exhibit No. 366.....			3,106,033.6

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION

1914

571	Distribution Superintendence—Hester Street Dept.	11,549.81		
571	Distribution Superintendence — 66th St. Street Dept.	12,913.97		
571	Distribution Superintendence — 111th St. Street Dept.	14,715.71		
571	Distribution Superintendence—G. O. Street Dept.	18,295.81		
571	Distribution Superintendence—Hester Street Shop	13,820.46		
571	Distribution Superintendence—2d Ave. Shop	21,242.19		
571	Distribution Superintendence—66th Street Shop	18,219.03		
571	Distribution Superintendence—102nd Street Shop	24,335.59		
571	Distribution Superintendence—159th Street Shop	17,854.32		
571	Distribution Superintendence—G. O. Meter Dept.	13,632.20		
571	Distribution Superintendence—Taking Pressure	2,752.11		169,331.3
601	Dist. Supplies & Expenses—Hester Street Dept.	3,081.42		
601	Dist. Supplies & Expenses—66th St. Street Dept.	4,516.74		
601	Dist. Supplies & Expenses—111th St. Street Dept.	3,246.43		
601	Dist. Supplies & Expenses—G. O. Street Dept.	5,915.26		
601	Dist. Supplies & Expenses—Hester Street Shop	4,561.53		
601	Dist. Supplies & Expenses—2nd Ave. Shop	9,886.58		
601	Dist. Supplies & Expenses—65th Street Shop	11,569.94		
601	Dist. Supplies & Expenses—102nd Street Shop	9,837.56		
601	Dist. Supplies & Expenses—159th Street Shop	9,131.09		
601	Dist. Supplies & Expenses—G. O. Meter Dept.	3,801.42		
601	Dist. Supplies & Expenses—Taking Pressure	4,230.56		67,467.4

Ledger Folio			
607	Gas Meter & Instln. Work—Hester Street Shop	32,390.95	
619	Gas Meter & Instln. Work—2nd Ave. Shop	48,546.30	
612	Gas Meter & Instln. Work—66th Street Shop	45,524.74	
615	Gas Meter & Instln. Work—1st Ave. Shop.	44,730.67	
617	Gas Meter & Instln. Work——159th Street Shop	26,232.76	197,425.42
635	Work on Cons. Premises—Hester Street Shop	28,360.97	
	Amounts forward	28,360.97	434,224.04
	Amounts brought forward	28,360.97	434,224.04
634	Work on Cons. Premises—2nd Ave. Shop..	47,885.79	
660	Work on Cons. Premises—66th Street Shop	59,789.54	
650	Work on Cons. Premises—102nd Street Shop	55,966.43	
659	Work on Cons. Premises—159th Street Shop	56,586.49	248,589.22
679	Repairs of Street Mains—Hester Street St. Dept.	41,321.40	
679	Repairs of Street Mains—66th Street St. Dept.	56,552.28	
679	Repairs of Street Mains—111th Street St. Dept	40,783.76	
679	Repairs of Street Mains—Pumping Drips...	7,730.79	146,388.23
703	Repairs of Services—Hester St. St. Dept.	15,267.95	
703	Repairs of Services—66th St. St. Dept....	20,784.69	
703	Repairs of Services—111th St. St. Dept....	18,664.01	
703	Repairs of Services—Frost Complaints....	11,902.18 16,782.62	83,401.45
717	Repairs of Meters		225,163.90
726	Repairs Bldgs. St. Depts & Shops—Hester St. St. Dept	1,081.60	
726	Repairs Bldgs. St. Depts. & Shops—66th St. St. Dept	1,253.08	
726	Repairs Bldgs. St. Depts. & Shops—111th St. St. Dept	728.81	
726	Repairs Bldgs. St. Depts. & Shops—Hester Street Shop	273.33	
726	Repairs Bldgs. St. Depts. & Shops—66th Street Shop	759.39	
726	Repairs Bldgs. St. Depts. & Shops—159th Street Shop	1,892.12	5,988.33
732	Repairs of Bldgs. Elsewhere—Hester Street Branch	604.83	
732	Repairs of Bldgs. Elsewhere—Third Ave. Branch	755.58	
732	Repairs of Bldgs. Elsewhere—General Office	3.50	
732	Repairs of Bldgs. Elsewhere—Central Garage	226.85	
732	Repairs of Bldgs Elsewhere—41st Street Stable	968.65	
732	Repairs of Bldgs. Elsewhere—21st Street Stable	112.47	
732	Repairs of Bldgs. Elsewhere—45th Street Stable	5.78	

Ledger Folio			
732	Repairs of Bldgs. Elsewhere—111th Street Stable	442.79	3,120.6
	Amounts forward		1,146,875.0
	Amounts brought forward		1,146,875.0
749	Repairs of Tools Elsewhere—General Office	.50	
750	Repairs of Tools—Elsewhere—Utilization Dept.	291.24	
751	Repairs of Tools Elsewhere—Engineering Dept.	127.43	
752	Repairs of Tools Elsewhere—Laboratory	424.72	
753	Repairs of Tools Elsewhere—F. A. Dept	16.11	
755	Repairs of Tools Elsewhere—Central Garage	640.09	1,504.0
80	Reps. of Dist. Tools St. Depts. & Shops Street Depts.	15,303.54	
745	Reps. of Dist. Tools St. Depts. & Shops—Hester St. Shop	579.20	
745	Reps. of Dist. Tools St. Depts. & Shops—2nd Ave. Shop	1,105.01	
745	Reps. of Dist. Tools St. Depts. & Shops—66th St. Shop	1,861.56	
745	Reps. of Dist. Tools St. Depts. & Shops—102nd St. Shop	1,789.75	
745	Reps. of Dist. Tools St. Depts. & Shops—159th St. Shop	482.65	21,121.7
770	Repairs Gas Appliances—66th St. Shop	18,360.61	
770	Repairs Gas Appliances—102nd St. Shop	3,954.55	
770	Repairs Gas Appliances—159th St. Shop	22,187.22	
770	Repairs Gas Appliances—Meter Repair Shop	172,870.04	217,372.4
789	Street Lamp Repairs—66th St. Street Dept.	601.41	
789	Street Lamp Repairs—111th St. Street Dept.	2,189.93	276.3
795	Commercial Salaries—Hester Street Branch	93,450.14	
799	Commercial Salaries—15th Street Branch	136,228.61	
803	Commercial Salaries—42nd Street Branch	116,614.08	
807	Commercial Salaries—3rd Avenue Branch	139,405.48	
811	Commercial Salaries—Amsterdam Ave. Branch	94,209.64	579,907.7
831	Commercial Office Supply & Exp.—Hester Street Branch	12,123.02	
831	Commercial Office Supply & Exp.—15th Street Branch	24,075.74	
831	Commercial Office Supply & Exp.—42nd Street Branch	26,671.41	
831	Commercial Office Supply & Exp.—3rd Avenue Branch	26,727.55	
	Amounts forward	89,597.72	1,969,573.2
	Amounts brought forward	89,597.72	1,969,573.2
831	Commercial Office Supply & Exp.—Amsterdam Ave. Branch	21,470.31	111,068.0
861	Promotion Office Expense—Gas Appliance Dept.	211,252.56	
871	Promotion Office Expense—Utilization Dept.	34,797.91	246,050.4

Ledger Folio				
876	Salaries General Office			317,904.77
911	G. O. Supplies & Expenses			153,018.54
924	Legal Expenses			57,692.71
920	Legal & Arrears Expense			25,701.30
927	Insurance			159,698.13
931	Vacations and Sickness			26,384.97
934	Disability			4,553.34
937	Contributions to Employees Mutual Aid Society			33,018.97
938	Superannuation			18,560.45
939	Stable Expense			55,544.61
940	Automobile Expenses			69,678.24
946	Experiments			6,442.53
951	Claims for Damages			26,143.63
954	Real Estate Rents Paid			105,736.32
945	Use of Distributing System			7,600.00
778	Street Lamps Operating—66th St. Street Dept.	1,217.70		
779	Street Lamps Operating—111th St. Street Dept.	93.07		1,310.77
				3,395,680.91
	Less:			
777	Street Lamps Operating—Hester St. Street Dept.	837.10		
789	Street Lamps Repairs—Hester St. Street Dept.	141.28		
955	Undistributed Adjustments	16,192.92		
964	Duplicate Gas Charges	117,148.83		134,320.13
	Amount forward			3,261,360.78
	Amount brought forward			3,261,360.78
976	Rent Expense	4,826.92		
	Less: Not applicable to Gas Business	4,265.59		561.33
969	Non Operating Revenue Deductions			85,288.73
				3,347,210.84
	Deduct:			
	Profit and Loss items applicable to 1914			
1080	Led. 1916 Included in charge to Sundry Debtors	$47,280.01		
	Salaries Gen. Off. 1910/1915	43,200.00		
	Less applicable to other years	36,000.00	7,200.00	
1108	Led. 1915 Repairs to Gas App. 1913/1914	29,279.27		
	Less applicable to 1913	28,485.05	794.22	7,994.22
	Total per Exhibit No. 366			3,339,216.62

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION—1915

636	Distribution Superintendence—Hester St. Street Dept.	26,592.16	
636	Distribution Superintendence—66th St. Street Dept.	24,431.85	
636	Distribution Superintendence—111th St. Street Dept.	27,936.43	
636	Distribution Superintendence—G. O. Street Dept.	20,333.35	

Ledger Folio			
656	Distribution Superintendence—Hester Street Shop	12,741.38	
656	Distribution Superintendence—2nd Avenue Shop	19,510.76	
656	Distribution Superintendence—66th St. Shop	18,243.60	
656	Distribution Superintendence—1st Avenue Shop	24,799.84	
656	Distribution Superintendence—159th Street Shop	17,458.71	
656	Distribution Superintendence—G. O. Meter Dept.	15,670.90	
656	Distribution Superintendence—Taking Pressure	2,726.16	210,443 [illegible]
688 I	Distribution Supplies & Expenses—Hester St. Street Dept.	6,555.02	
688 I	Distribution Supplies & Expenses—66th St. Street Dept.	4,695.67	
688 I	Distribution Supplies & Expenses—111th St. Street Dept.	4,739.32	
688 I	Distribution Supplies & Expenses—G. O. Street Dept.	6,635.49	
688 I	Distribution Supplies & Expenses—Hester Street Shop	4,578.27	
688 I	Distribution Supplies & Expenses—2nd Avenue Shop	18,737.80	
688 I	Distribution Supplies & Expenses—66th St. Shop	10,294.78	
688 I	Distribution Supplies & Expenses—1st Avenue Shop	19,730.07	
688 I	Distribution Supplies & Expenses—159th Street Shop	9,233.35	
688 I	Distribution Supplies & Expenses—G. O. Meter Dept.	15,050.09	
688 I	Distribution Supplies & Expenses—Taking Pressure	3,270.20	103,570 [illegible]
691	Meter & Installation Work—Hester Street Shop	28,701.47	
694	Meter & Installation Work—2nd Avenue Shop	42,058.03	
697	Meter & Installation Work—66th Street Shop	41,998.77	
700	Meter & Installation Work—1st Avenue Shop	37,019.78	
703	Meter & Installation Work—159th Street Shop	23,666.35	173,444 [illegible]
711	Work on Consumers Premises—Hester Street Shop	33,462.29	
	Amounts forward	33,462.29	487,458 [illegible]
	Amounts brought forward	33,462.29	487,459 [illegible]
721	Work on Consumers Premises—2nd Avenue Shop	51,430.76	
732	Work on Consumers Premises—66th St. Shop	64,581.69	
739	Work on Consumers Premises—102nd St. Shop	55,983.45	
749	Work on Consumers Premises—159th St. Shop	56,102.45	261,560 [illegible]

Ledger Folio			
767	Repairs to Street Mains—Hester St. Street Dept.	36,452.03	
767	Repairs to Street Mains—66th St. Street Dept.	42,925.02	
767	Repairs to Street Mains—111th St. Street Dept.	32,400.68	
767	Repairs to Street Mains—Pumping Drips	7,092.52	118,870.25
790	Repairs to Services—Hester St. Street Dept.	8,607.74	
790	Repairs to Services—66th St. Street Dept.	16,707.47	
790	Repairs to Services—111th St. Street Dept.	16,685.50	
790	Repairs to Services—Frost Complaints	163.50	42,164.21
798	Repairs to Meters		257,348.96
806	Reps. to Bldgs., St. Depts. & Shops—Hester St. Street Dept.	198.83	
806	Reps. to Bldgs., St. Depts. & Shops—66th St. Street Dept.	525.21	
806	Reps. to Bldgs., St. Depts. & Shops—111th St. Street Dept.	341.44	
806	Reps. to Bldgs., St. Depts. & Shops—Hester Street Shop	47.39	
806	Reps. to Bldgs., St. Depts. & Shops—66th Street Shop	934.02	
806	Reps. to Bldgs., St. Depts. & Shops—159th Street Shop	938.94	2,985.83
809	Repairs to Buildings Elsewhere—Hester St. Branch	318.85	
812	Repairs to Buildings Elsewhere—Third Avenue Branch	1,101.76	
812	Repairs to Buildings Elsewhere—Central Garage	3,004.24	
811	Repairs to Buildings Elsewhere—41st Street Stable	1,881.23	
810	Repairs to Buildings Elsewhere—20th Street Stable	278.14	
812	Repairs to Buildings Elsewhere—111th Street Stable	618.05	7,202.27
830	Repairs Tools Elsewhere—General Office	134.08	
829	Repairs Tools Elsewhere—Utilization Dept.	125.19	
	Amounts forward	259.27	1,177,591.76
	Amounts brought forward	259.27	1,177,591.76
830	Reps. of Tools Elsewhere—Engineering Dept.	73.57	
831	Reps of Tools Elsewhere—Laboratory	558.98	
829	Reps. of Tools Elsewhere—Central Garage	934.49	1,826.31
827	Reps. of Tools & Impl. St. Depts. & Shops—Street Depts.	9,753.13	
827	Reps. of Tools & Impl. St. Depts. & Shops—Hester St. Shop	731.07	
827	Reps. of Tools & Impl. St. Depts. & Shops—2nd Avenue Shop	910.88	
827	Reps. of Tools & Impl. St. Depts. & Shops—66th Street Shop	1,600.23	
827	Reps. of Tools & Impl. St. Depts. & Shops—1st Avenue Shop	947.60	
827	Reps. of Tools & Impl. St. Depts. & Shops—159th Street Shop	616.96	14,559.87
845	Repairs Gas Appliances—66th Street Shop	16,761.75	
845	Repairs Gas Appliances—159th Street Shop	25,165.77	

Ledger Folio			
845	Repairs Gas Appliances—Meter Repair Shop	131,819.46	473,746.9
867	Commercial Salaries—Hester St. Branch	90,472.26	
871	Commercial Salaries—15th St. Branch	136,238.69	
875	Commercial Salaries—42nd St. Branch	115,225.53	
879	Commercial Salaries—3rd Avenue Branch	138,572.79	
883	Commercial Salaries—Amsterdam Ave. Branch	97,668.52	578,19[illegible]
902	Commercial Office Suppl. & Expenses—Hester Street Branch	11,743.93	
902	Commercial Office Suppl. & Expenses—15th Street Branch	25,173.24	
902	Commercial Office Suppl. & Expenses—42nd Street Branch	55,793.43	
902	Commercial Office Suppl. & Expenses—Third Avenue Branch	26,949.90	
902	Commercial Office Suppl. & Expenses—Amsterdam Ave. Branch	28,944.15	148,604.[illegible]
935	Promotion Expenses—Gas Appliance Dept. G. O		221,99[illegible]
944	Promotion Expenses—Utilization Dept.		36,[illegible]
950	Salaries General Office		315,56[illegible]
983	G. O. Supplies & Expenses		149,58[illegible]
989	Legal Expense		75,52[illegible]
	Amount forward		2,893,412.[illegible]
	Amount brought forward		2,893,412.[illegible]
994	Legal & Arrears Expense		31,691.[illegible]
999	Insurance		137,922.[illegible]
1003	Vacation & Sickness		28,242.[illegible]
1006	Disability		4,472.[illegible]
1009	Contributions to Employees Aid Society		36,372.[illegible]
1010	Superannuation		32,750.[illegible]
1011	Stable Expense		33,414.[illegible]
1010	Automobile Expense		96,874.[illegible]
1018	Experiments		2,146.[illegible]
1023	Claims for Damages		11,055.[illegible]
1017	Use of Distributing System		11,707.[illegible]
850	Street Lamp Operating—66th Street Dept.		780.[illegible]
			3,320,843.[illegible]
1031	*Less:* Undistributed Adjustments	16,569.90	
1033	Duplicate Gas Charges	98,367.43	
849	Street Lamp Operating—Hester St. Street Dept.	523.31	
852	Street Lamp Operating—111th St. Street Dept.	476.68	
858	Street Lamp Repairs—Hester St. Street Dept.	312.04	
858	Street Lamp Repairs—66th St. Street Dept.	1,749.27	
858	Street Lamp Repairs—111th St. Street Dept.	2,401.34	120,399.[illegible]
			3,200,443.37
1049	Non-Operating Revenue Deductions	359,577.39	
	Less: Taxes & Interest Thereon 236,668.37		
	Not applicable to Gas Business 5,000.91	241,669.28	117,908.11
			3,318,351.48
1030	*Less:* Interest Paid to N. Y. Edison Co. Charged to Undistributed Adjustments not Applicable to Gas Business		23,523.06
	Amount forward		3,294,828.42

Ledger Folio				
	Amount brought forward			3,294,828.42
	Deduct: Profit & Loss items applicable to 1915.			
1080	Led. 1916 Included in charge to Sundry Debtors	$47,280.01		
	Salaries General Off. 1910/1915	43,200.00		
	Less: Applicable to other years	36,000.00	7,200.00	
1080	Led. 1916 Use of Distributing System		1,900.00	9,100.00
	Total per Exhibit No. 366			3,285,728.42

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION—1916

635	Distribution Superintendence—Hester St. Street Dept.		25,503.28	
635	Distribution Superintendence — 66th St. Street Dept.		25,147.43	
635	Distribution Superintendence — 111th St. Street Dept.		27,814.18	
635	Distribution Superintendence—G. O. Street Dept.		25,225.53	
635	Distribution Superintendence—Hester St. Shop		12,994.14	
635	Distribution Superintendence—2nd Avenue Shop		18,821.57	
635	Distribution Superintendence—66th Street Shop		18,071.93	
635	Distribution Superintendence—1st Avenue Shop		24,243.17	
635	Distribution Superintendence—159th Street Shop		16,357.95	
635	Distribution Superintendence—G. O. Meter Dept.		17,010.24	
635	Distribution Superintendence—Taking Pressure		2,550.97	213,740.39
674	Distribution Supplies & Expenses—Hester St. Street Dept.		6,250.37	
674	Distribution Supplies & Expenses—66th St. Street Dept.		4,241.95	
674	Distribution Supplies & Expenses—111th St. Street Dept.		4,994.51	
674	Distribution Supplies & Expenses—G. O. Street Dept.		6,569.17	
674	Distribution Supplies & Expenses—Hester St. Shop		4,922.42	
674	Distribution Supplies & Expenses—2nd Ave. Shop		18,422.39	
674	Distribution Supplies & Expenses—66th St. Shop		10,892.39	
674	Distribution Supplies & Expenses—1st Ave. Shop		17,572.45	
674	Distribution Supplies & Expenses—159th St. Shop		8,448.36	
674	Distribution Supplies & Expenses—G. O. Shop		16,007.64	
674	Distribution Supplies & Expenses—Taking Pressure		653.24	98,974.89
686	Meter & Installation Work—Hester St. Shop		28,872.57	
688	Meter & Installation Work—2nd Ave. Shop		43,773.32	
690	Meter & Installation Work—66th St. Shop		41,353.62	
693	Meter & Installation Work—1st Ave. Shop		41,983.78	
695	Meter & Installation Work—159th St. Shop		24,250.11	180,233.40

Ledger Folio			
703	Work on Consumers Premises—Hester St. Shop	41,042.02	
	Amounts forward	41,042.02	492,948.6
	Amounts brought forward	41,042.02	492,948.6
735	Work on Consumers Premises—2nd Avenue Shop	58,036.37	
721	Work on Consumers Premises—66th Street Shop	71,155.51	
727	Work on Consumers Premises—1st Avenue Shop	56,868.88	
734	Work on Consumers Premises—159th Street Shop	49,968.27	277,071.0
750	Repairs of Street Mains—Hester St. Street Dept.	45,411.29	
750	Repairs of Street Mains—66th St. Street Dept.	63,300.33	
750	Repairs of Street Mains—111th St. Street Dept.	51,498.65	
750	Repairs of Street Mains—Pumping Drips	7,359.99	167,570.2
763	Repairs of Services—Hester St. Street Dept.	18,795.18	
763	Repairs of Services—66th St. Street Dept.	27,705.78	
763	Repairs of Services—111th St. Street Dept.	14,359.20	60,860.1
769	Repairs of Meters		234,406.7
776	Repairs of Buildings—Hester St. Street Dept.	351.60	
776	Repairs of Buildings—66th St. Street Dept.	270.16	
776	Repairs of Buildings—111th St. Street Dept.	109.80	
776	Repairs of Buildings—Hester St. Shop	250.89	
776	Repairs of Buildings—66th St. Shop	411.37	
776	Repairs of Buildings—159th St. Shop	1,102.23	2,496.0
781	Repairs of Buildings—Hester Street Branch	574.86	
782	Repairs of Buildings—3rd Avenue Branch	367.48	
784	Repairs of Buildings—Central Garage	1,466.61	
786	Repairs of Buildings—20th Street Stable	184.07	
787	Repairs of Buildings—41st Street Stable	6.00	
788	Repairs of Buildings—111th Street Stable	643.17	3,241.9
820	Repairs Gas Appliances—66th Street Shop	15,481.08	
820	Repairs Gas Appliances—159th Street Shop	21,787.38	
820	Repairs Gas Appliances—Meter Repair Shop	131,114.11	168,382.5
	Amount forward		1,406,977.0
	Amount brought forward		1,406,977.0
800	Repairs of Tools St. Depts. & Shops—Street Depts.	10,353.33	
800	Repairs of Tools St. Depts. & Shops—Hester Street Shop	734.37	
800	Repairs of Tools St. Depts. & Shops—2nd Avenue Shop	1,013.56	
800	Repairs of Tools St. Depts. & Shops—66th Street Shop	1,571.69	
800	Repairs of Tools St. Depts. & Shops—1st Avenue Shop	1,161.45	
800	Repairs of Tools St. Depts. & Shops—159th Street Shop	756.44	15,590.8
807	Repairs Tools—General Office	134.61	
805	Repairs Tools—Utilization Dept.	129.14	
805	Repairs Tools—Engineering Dept.	104.17	

Ledger Folio				
806	Repairs Tools—Laboratory		368.93	
808	Repairs Tools—Central Garage		1,366 91	2,103.76
827	Street Lamp Operating—Hester St. Street Dept.		379.20	
827	Street Lamp Operating—66th St. Street Dept.		1,015.07	
827	Street Lamp Operating—111th St. Street Dept.		887.79	2,282.06
830	Street Lamp Repairs—Hester St. Branch			59.11
838	Commercial Salaries—Hester St. Branch		89,908.16	
840	Commercial Salaries—15th St. Branch		135,589.03	
842	Commercial Salaries—42nd St. Branch		115,000.19	
844	Commercial Salaries—3rd Avenue Branch		138,138.49	
846	Commercial Salaries—Amsterdam Av. Branch		104,505.22	583,141.09
866	Commercial Off. Supplies & Exp.—Hester St. Branch		12,050.14	
866	Commercial Off. Supplies & Exp.—15th St. Branch		24,575.66	
866	Commercial Off. Supplies & Exp.—42nd St. Branch		56,702.45	
866	Commercial Off. Supplies & Exp.—3rd Ave. Branch		26,193.14	
866	Commercial Off. Supplies & Exp.—Amsterdam Ave. Branch		30,732.82	150,254.21
887	Promotion Expense—Gas Appliance Dept.		219,444.96	
906	Promotion Expense—Utilization Dept.		34,431.40	253,876.36
	Amount forward			2,414,284.52
	Amount brought forward			2,414,284.52
911	Salaries General Office			329,091.26
941	General Office Supplies & Expenses			188,459.80
949	Legal Expense			34,529.67
952	Claims & Arrears Expense			25,808.08
959	Insurance			89,427.72
962	Vacations & Sickness			26,860.07
969	Disability			3,108.75
983	Contributions to Employees Mutual Aid Society			42,300.09
974	Superannuation			47,479.49
975	Stable Expense			29,442.45
976	Automobile Expense			109,932.38
981	Use of Distribution System			4,107.70
982	Experiments			561.10
987	Claims for Damages			14,204.40
				3,359,597.48
995	*Less:* Undistributed Adjustments		38,683.48	
997	Duplicate Gas Charges		98,329.45	
830	Street Lamp Repairs—66th St. Street Dept.		452.87	
830	Street Lamp Repairs—111th St. Street Dept.		93.94	137,559.74
				3,222,037.74
1015	Miscellaneous Operating Revenue Deductions		192,474.48	
	Less: Taxes	62,022.41		
	Not applicable to Gas Business	7,270.26	69,292.67	123,181.81
				3,345,219.55

Ledger Folio			
	Add: Profit & Loss items applicable to 1916		
1080	Appropriations to Employees	37,441.99	
	Less: Applicable to Cost of Production	5,048.54	32,393.45
	Total per Exhibit No. 366		3,377,613.9

CONSOLIDATED GAS COMPANY

COST OF DISTRIBUTION

1917

623	Distribution Superintendence—Hester St. Street Dept.	25,298.00	
623	Distribution Superintendence — 66th St. Street Dept.	25,677.44	
623	Distribution Superintendence — 111th St. Street Dept.	28,652.60	
623	Distribution Superintendence—General Office	22,882.80	
623	Distribution Superintendence—Hester Street Shop	15,238.37	
623	Distribution Superintendence—2nd Avenue Shop	21,935.47	
623	Distribution Superintendence—66th Street Shop	21,195.26	
623	Distribution Superintendence—1st Avenue Shop	23,788.61	
623	Distribution Superintendence—159th Street Shop	19,059.11	
623	Distribution Superintendence—Gen'l Off. Meter Dept.	15,060.64	
623	Distribution Superintendence—Taking Pressure	2,654.02	221,442.32
656	Distribution Supplies & Expenses—Hester St. Street Dept.	5,743.36	
656	Distribution Supplies & Expenses—66th St. Street Dept.	4,048.44	
656	Distribution Supplies & Expenses—111th St. Street Dept.	4,712.77	
656	Distribution Supplies & Expenses—General Office	5,339.83	
656	Distribution Supplies & Expenses—Hester Street Shop	7,179.94	
656	Distribution Supplies & Expenses—2nd Avenue Shop	17,501.63	
656	Distribution Supplies & Expenses—66th Street Shop	11,009.71	
656	Distribution Supplies & Expenses—1st Avenue Shop	18,481.16	
656	Distribution Supplies & Expenses—159th Street Shop	8,348.98	
656	Distribution Supplies & Expenses—Gen'l Off. Meter Dept.	35,873.74	
656	Distribution Supplies & Expenses—Taking Pressure	561.92	118,801.48
670	Meter & Installation Work—Hester Street Shop	34,375.64	
672	Meter & Installation Work—2nd Avenue Shop	46,477.45	
674	Meter & Installation Work—66th Street Shop	48,241.39	
676	Meter & Installation Work—1st Avenue Shop	44,148.16	
678	Meter & Installation Work—159th Street Shop	29,288.47	202,531.11

Ledger Folio			
688	Work on Consumers Premises—Hester Street Shop	55,099.67	
	Amounts forward	55,099.67	542,774.91
	Amounts brought forward	55,099.67	542,774.91
724	Work on Consumers Premises—2nd Avenue Shop	64,030.47	
706	Work on Consumers Premises—66th Street Shop	85,239.47	
715	Work on Consumers Premises—1st Avenue Shop	63,850.38	
721	Work on Consumers Premises—159th Street Shop	49,083.95	317,303.94
734	Repairs of Street Mains—Hester St. Street Department	31,574.40	
734	Repairs of Street Mains—66th St. Street Department	31,846.68	
734	Repairs of Street Mains—111th St. Street Department	52,625.18	
734	Repairs of Street Mains—Pumping Drips	7,183.21	123,229.47
747	Repairs of Services—Hester St. Street Department	7,767.14	
747	Repairs of Services—66th St. Street Department	12,101.86	
747	Repairs of Services—111th St. Street Department	9,009.88	28,878.88
757	Repairs of Meters		231,441.78
763	Repairs of Buildings, St. Departments & Shops—Hester St. Street Department	64.50	
763	Repairs of Buildings, St. Departments & Shops—66th St. Street Department	123.85	
763	Repairs of Buildings, St. Departments & Shops—111th St. Street Department	102.69	
763	Repairs of Buildings, St. Departments & Shops—Hester Street Shop	125.65	
763	Repairs of Buildings, St. Departments & Shops—66th Street Shop	306.02	
763	Repairs of Buildings, St. Departments & Shops—159th Street Shop	796.14	1,518.65
769	Repairs of Buildings—Hester Street Branch	435.06	
770	Repairs of Buildings—Third Avenue Branch	223.42	
769	Repairs of Buildings—57th Street Branch	154.52	
771	Repairs of Buildings—Central Garage	527.47	
773	Repairs of Buildings—20th Street Stable	123.67	
775	Repairs of Buildings—111th Street Stable	33.23	1,497.37
807	Repairs Gas Appliances—66th Street Shop	14,298.33	
807	Repairs Gas Appliances—159th Street Shop	15,245.33	
807	Repairs Gas Appliances—Meter Repair Shop	78,660.49	108,204.15
	Amount forward		1,354,849.35
	Amount brought forward		1,354,849.35
787	Repairs of Tools & Impl. St. Depts. & Shops—Street Depts.	8,846.75	
787	Repairs of Tools & Impl. St. Depts. & Shops—Hester St. Shop	1,094.44	
787	Repairs of Tools & Impl. St. Depts. & Shops—2nd Ave. Shops	652.46	
787	Repairs of Tools & Impl. St. Depts. & Shops—66th St. Shop	1,942.98	
787	Repairs of Tools & Impl. St. Depts. & Shops—1st Ave. Shop	1,078.56	
787	Repairs of Tools & Impl. St. Depts. & Shops—159th St. Shop	778.63	14,393.82

Ledger Folio				
795	Repair of Tools—General Office		55.40	
793	Repairs of Tools—Utilization Department		58.24	
793	Repairs of Tools—Engineering Department		15.30	
794	Repairs of Tools—Laboratory		172.72	
795	Repairs of Tools—Central Garage		1,221.81	1,523.47
814	Street Lamp Operating—Hester St. Street Dept.		104.31	
814	Street Lamp Operating—66th St. Street Dept.		295.33	
814	Street Lamp Operating—111th St. Street Dept.		611.79	1,011.43
818	Street Lamp Repairs—Hester St. Street Dept.		91.67	
818	Street Lamp Repairs—66th St. Street Dept.		251.89	
818	Street Lamp Repairs—111th St. Street Dept.		819.17	1,162.73
822	Commercial Salaries—Hester Street Branch		91,287.41	
824	Commercial Salaries—15th Street Branch		139,245.63	
826	Commercial Salaries—42nd Street Branch		124,115.30	
828	Commercial Salaries—Third Avenue Branch		138,612.61	
830	Commercial Salaries—Ams. Avenue Branch		107,712.34	600,973.29
862	Promotion Expense—Gas Appliance Dept.		216,775.34	
877	Promotion Expense—Utilization Dept.		36,526.72	253,302.06
883	Salaries General Office			333,948.27
916	General Office Supplies and Expenses			252,906.53
921	Legal Expense			46,534.71
	Amount forward			2,860,606.06
	Amount brought forward			2,860,606.06
924	Claims and Arrears Expense			26,171.23
927	Insurance			99,600.43
930	Vacations and Sickness			33,065.15
933	Disability			1,704.08
938	Contributions to Employees Mutual Aid Society			25,822.67
939	Superannuation			56,672.70
940	Stable Expense			20,465.20
943	Automobile Expense			114,355.76
959	Distribution—Appropriation to Employees			100,220.33
842	Commercial Office Supplies & Expenses—Hester St. Branch		11,954.63	
842	Commercial Office Supplies & Expenses—15th St. Branch		27,420.36	
842	Commercial Office Supplies & Expenses—42nd St. Branch		41,549.93	
842	Commercial Office Supplies & Expenses—Third Ave. Branch		27,729.23	
842	Commercial Office Supplies & Expenses—Amsterdam Ave. Branch		32,865.95	141,520.10
942	Use of Distributing System			4,107.70
946	Claims for Damages			5,900.42
				3,490,211.84
954	*Less:* Undistributed Adjustments		23,289.27	
957	Duplicate Gas Charges		61,000.08	84,289.35
				3,405,922.49
972	Miscellaneous Operating Revenue Deductions		201,572.73	
	Less: Taxes and Interest Thereon Not Applicable to Gas Business	65,761.03 / 7,589.12	73,350.15	128,222.58
	Total per Exhibit No. 366			3,534,145.07

DEFENDANT'S EXHIBIT AA34.

Memorandum used by Witness Carter in refreshing his memory as to stockholders. Not printed.

DEFENDANT'S EXHIBIT AA35

MEETING OF TRUSTEES NOV. 10TH/84 AT 4 IRVING PLACE, CONSOLIDATED GAS COMPANY.

A meeting of the Trustees of the Consolidated Gas Company of New York, was held pursuant to the agreement of consolidation, at No. 4 Irving Place on the 10th day of November 1884 at 1 P.M.

Present, Messrs Samuel Sloan, Chas. G. Francklyn, Percy R. Pyne, Thomas Rutter, Jas. W. Smith, Thos. K. Lees, Oscar Zollikoffer, Henry Day, Chas. Roome, Jno. P. Huggins, Harrison E. Gawtry.

Meeting was called to order, and Mr. Sloan was duly chosen as Chairman, and H. E. Gawtry as Secretary.

Mr. Henry Day of counsel, stated that a telegram had been received from the messenger sent to Albany to file the copy of the agreement, that the same had been filed, and that the messenger had the certified copies in his possession.

Before the meeting adjourned, the messenger, Mr. George Wilwood Murray, in person, handed in the certified copies.

On motion it was

Resolved, That the agreement be entered at length upon the minutes.

This Agreement, made this twenty ninth day of September, one thousand eight hundred and eighty four, Between The New York Gas Light Company, The Manhattan Gas Light Company, The Metropolitan Gas Light Company of the City of New York, The New York Mutual Gas Light Company, The Municipal Gas Light Company of New York, The Knickerbocker Gas Light Company, and The Harlem Gas Light Company, each of which is a corporation duly organized and now existing under general or special laws of this State, for the purpose of carrying on the manufacturing business, of making and distributing gas, and herein styled the Consolidating Companies, or between two or more of said Companies, the directors or trustees of which shall enter into this agreement, and whose stockholders shall, on, or before November 10th, 1884, sanction and approve of this agreement by the votes of two-thirds of the stockholders present, at a meeting to be called for that purpose, pursuant to the provisions of the Act entitled, "An Act, to authorize the consolidation of manufacturing corporations," passed May 28th, 1884, witnesseth:

That said Companies, so sanctioning and approving this agreement, have agreed, and do hereby agree to consolidate into one corporation, under, and in accordance with said Act of May 28th, 1884, and the following are the terms and conditions of such consolidation, and the mode of carrying the same into effect.

Article I. The said new corporation to be formed, shall be called the Consolidater Gas Company of New York.

Article II. The number of the Trustees thereof shall be thirteen.

Article III. The names of the Trustees who shall manage the concerns of the new Company for the first year, and until others shall be elected in their places, are, Charles Roome, Thomas K. Lees, Oscar Zollikoffer, John P. Kennedy, Charles G. Francklyn, Thomas Rutter, Harrison E. Gawtry, Percy R. Pyne, Samuel Sloan, James W. Smith, Henry Day, Arthur Leary, and John P. Huggins.

Article IV. The term of the existence of the said corporation shall be Fifty years.

Article V. The operations of the said corporation, shall be carried on in the City, County and State of New York.

Article VI. The amount of capital of the said new Company, shall be Forty-five millions of dollars, which is the fair aggregate value of the property, franchises, and rights of the several Companies above named, which are more particularly mentioned in Article VII of this agreement; or, if either or any of such Corporations, shall fail to sanction and approve this agreement, as provided in said Chapter 367, of the Laws of 1884, before November 10th, 1884, then the capital of such new Corporation, shall be as much less than forty-five millions; as the amount thereof apportioned by section VIII to either and all of such above named Companies, so failing to sanction and approve this agreement. The capital shall be divided into four hundred and fifty thousand shares, of one hundred dollars each; or if any Company or Companies fail to sanction and approve this agreement as aforesaid, then into as many shares as the reduced amount of capital will make, when divided into shares of one hundred dollars each.

Article VII. Upon the consolidation of such corporations, and the organization of the new Company, all and singular, the rights, privileges, and interests of each of the Companies, whose stockholders shall have sanctioned and approved of this agreement, as hereinabove expressed, and as provided in Chapter 367 of the Laws of 1884, including all the real estate belonging to such Company, situate in the City of New York and elsewhere, with all appurtenances, belonging thereto, all lands and rights to lands under water, all leasehold property, all mains, service pipes and meters, all patents and licenses,

or rights to use patents; all machinery, plants, tools, horses, wagons, carts, and all other property used by said Companies in the manufacture of gas, all office furniture and stationery, maps, drawings of property and apparatus, owned by each of said Companies at the present time, together with their, and each of their corporate rights, franchises, licenses to lay mains and pipes, and privileges of every kind whatever, reserving and excepting from the property of each such corporation, only, cash on hand, debts due to the Company, and coal and other supplies not included in the schedule furnished for previous valuation, shall be vested in, and be the property of the new Corporation.

Article VIII. The said capital of forty-five millions of dollars, shall be, and, is hereby apportioned among the said Consolidating Companies, in full consideration of the property, franchises, and rights of each of said Companies, transferred to, and vested in the new Corporation by this agreement, and described in Article VII thereof as follows:

The New York Gas Light Company.....	$7,821,000.—
The Manhattan Gas Light Company.....	$12,352,000.—
The Metropolitan Gas Light Company.....	7,422,000.—
The New York Mutual Gas Light Company....	5,922,000.—
The Municipal Gas Light Company.....	5,276,000.—
The Knickerbocker Gas Light Company.....	3,104,000.—
The Harlem Gas Light Company.....	3,103,000.—

Of this sum, the new Corporation shall retain to its own use, and dispose of the sum of one million, five hundred thousand dollars, to wit, of fifteen thousand shares thereof, for the purchase of supplies, and as a working capital, in such manner as may be hereinafter provided.

The remainder of the capital of said new Company, shall be, and is hereby allotted to, and shall be distributed among the stockholders of such consolidated corporations, as follows, viz:

To the stockholders of the New York Gas Light Company	75,600 shares.
To those of the Manhattan Gas Light Company	119,400 shares.
To those of The Metropolitan Gas Light Company	71,750 shares.
To those of The Mutual Gas Light Company..	57,250 shares.
To those of The Municipal Gas Light Company	51,000 shares.
To those of The Knickerbocker Gas Light Company	30,000 shares.
To those of The Harlem Gas Light Company..	30,000 shares.

If there shall be any outstanding lien or incumbrance by way of mortgage, or otherwise, upon any of the lands of either of said consolidating companies, or any outstanding certificates of credit, or other indebtedness or obligation of either corporation at the time of the consolidation as herein provided, then, the said new Corporation shall assume the payment of such liens, bonds, or indebtedness.

Such Consolidating Company may, at the time consolidation takes effect, pay to the said new Company, the amount of such liens, bonds, obligations, or indebtedness. in cash; and, in default of so doing, said new Company shall retain, in lieu of, and as a satisfaction of said liens and indebtedness, from the capital stock allotted to stockholdes of such Company by Article VIII, an amount of stock equal to the amount due on such liens and indebtedness for principal and interest to date of consolidation; and the sum to be distributed to stockholders, shall be reduced accordingly. Such stock so retained, may be sold by the new Corporation, to provide means to pay such indebtedness.

The said amount of capital stock of the new Company, to be received by the stockholders of each of the said Consolidating Companies, according to the provision of this Article, shall be divided among the said stockholders *pro rata*, in proportion to the holdings of each stockholder, in the stock of said Company, at the time of the closing of the books of such Company, previous to consolidation; and such division and distribution shall be made by the new corporation, immediately after consolidation is perfected; provided that each stockholder, upon and before receiving his or her proportion of stock aforesaid, shall assign and deliver to said new corporation, to be cancelled, his or her certificate or certificates of stock in said Company, so consolidated; it being understood, that the delivery of such certificate and cancelling of same, shall not be construed as preventing the Consolidating Companies, or either of them from closing up its affairs, and distributing its assets not assigned to said new Corporation, under any of the provisions of this agreement.

Should any such stockholder, on such division of stock, be entitled to a fraction of a share, a certificate of the ownership of such fractional share, shall be issued to him. Said certificate shall provide that when certificates of fractional shares, equal to one or more shares shall be presented to said new Corporation, a full share, or shares of stock, equal in amount to such fractional shares, shall be issued in place thereof; but, such fractional shares shall not be entitled to any dividend until they are exchanged for full shares; as aforesaid.

Each consolidating company shall, at the time consolidation takes effect, furnish the new Corporation with a list of its

stockholders, and the number of shares of stock of its Company, to which each is entitled.

Article IX. Each consolidating Company sanctioning this agreement, shall, as soon as this agreement has been sanctioned and approved, by two or more Companies, convey to said new Corporation, by deed duly executed and acknowledged, so as to entitle the same to be recorded, all its property enumerated and described in Article seven of this agreement, and shall furnish a map or maps, with a description of all real estate, and a particular schedule of all the other property and rights of property, described in Article VII.

Article X. Each Consolidating Company shall furnish to the new Corporation, attested by the signatures of the President of such Company, a full and complete statement of all liens or incumbrances upon the real estate of said Company, and a particular list of all outstanding indebtedness and obligations of said Company, with a statement of any unsettled claims, or pending law-suits against the Company.

Article XI. Should the Board of Directors or Trustees of either of said Companies named, as parties to this agreement, not enter into the same, or should two-thirds in amount of the stockholders of either of said Companies at a meeting thereof to be called, as provided in Chapter 367 of the Laws of 1884, fail before November 10, 1884, to sanction and approve of this agreement, and should the Board of Directors of two or more of such Companies, enter into this agreement under their respective corporate seals, and should two-thirds in amount of the stockholders of two or more of such Companies before November 10, 1884, sanction and approve of this agreement, then the said last named Companies, whose Directors have entered into this agreement, and whose stockholders have so sanctioned and approved the same, shall, and do agree to consolidate on the terms, and in the manner in every respect, as hereinbefore mentioned, except that the capital stock of said Corporation, shall be the aggregate amount of stock apportioned by Article VIII of this agreement to the Companies, whose stockholders shall have sanctioned and approved this agreement as above stated, and such non-assenting Company or Companies, shall not be a party or parties to this agreement, but this agreement, as thus made, shall be valid and binding upon such Companies, as shall by their Directors or Trustees and stockholders legally assent to the same.

Article XII. The Trustees of the new Corporation shall meet at No. 4 Irving Place, on the 10th of November, 1884, at one o'clock P. M. of that day, for the purpose of choosing officers of said new Corporation, and organizing the business of the same.

A majority of said Trustees shall constitute a quorum for the transaction of business.

In case of failure of the Trustees to meet on the said 10th day of November, a meeting of the same may be called, by any three of said Trustees, at the same place, by a notice in writing addressed to each of said Trustees, and left at his usual place of business, or given to him personally.

Said Board of Trustees shall adopt by-laws, which shall be in accordance with the laws of this State, for the government of the business and affairs of said Corporation, and of the Board of Trustees; and such by-laws shall, among other things, fix the time for the annual meeting of the stockholders, for election of Trustees, and the number and duties of the officers of the Corporation, and the method of changing or adding to said by-laws.

Article XIII. All obligations and contracts of each of the Consolidating Companies, shall be assumed by the new Corporation.

Article XIV. Each of said Consolidating Companies shall appoint one of their Directors, Trustees, or officers, as a member of a committee to be called the Adjusting Committee.

This Committee shall choose a Chairman and Secretary, and shall have power to adjust and settle all questions of difference between all, or any parties, and any disputes or claims which may arise out of, or in perfecting said consolidation, and which, are not specifically provided for in this agreement.

Should any of said Companies herein named, fail before November 10th, 1884, to sanction and approve this agreement, as provided in said Act, the person designated by such Company as a member of the Adjusting Committee, shall cease to be a member of such Committee.

The decision of a majority of such Committee, shall be binding on all the Consolidating Companies, and all stockholders therein, as well as upon the new Corporation.

Article XV. Either Consolidating Company, may transfer to the new Corporation its money on hand, debts due to it, coal, and other supplies, and material on hand, at time of consolidation, and not included in the schedules furnished for previous valuations, or any portion of the same, and the same shall be paid for in stock, or partly in stock and partly in cash, as may be desired by such Company. Provided, however, that no stock shall be issued for such payment, beyond the million and a half of capital reserved, and mentioned in Article IX of this agreement.

Notice of the desire to make such transfer shall be given to the Chairman of the Adjusting Committee, before November 10th, 1884.

The value of the property so transferred shall be determined by the Adjusting Committee.

The money to be paid, and the stock to be issued in payment therefor, shall be distributed proportionately to the stockholders of such Consolidating Company, at the same time, and in the same proportion as such stockholders shall receive stock, named in Article VIII of this agreement.

If any shares of stock remain, after paying for such transferred property, they may be disposed of by the new Corporation, for the purposes aforesaid.

This agreement will be executed in different copies, each of which shall be considered an original, the execution of one copy by one of the said Companies, shall be considered a due execution of the same, although the execution by other Companies, shall be on another copy.

In testimony whereof, each of the said parties hereto, have caused these presents to be signed by their respective Presidents or Vice-Presidents, and Secretaries, and the seal of their respective Corporations to be hereunto affixed.

(Seal) THE NEW YORK GAS LIGHT COMPANY.
(Signed) By THOMAS K. LEES,
President.

Attest:
WM. J. CLARK,
Secretary.

(Seal) THE MANHATTAN GAS LIGHT COMPANY.
(Signed) By CHARLES ROOME,
President.

Attest:
JAS. W. SMITH,
Secretary.

(Seal) THE METROPOLITAN GAS LIGHT COMPANY OF THE CITY OF NEW YORK.
(Signed) By O. ZOLLIKOFFER,
President.

Attest:
O. F. ZOLLIKOFFER,
Secretary.

(Seal) THE MUNICIPAL GAS LIGHT COMPANY.
(Signed) By CHAS. G. FRANCKLYN,
President.

Attest:
PHILIP ALLEN,
Secretary.

(Seal) THE KNICKERBOCKER GAS LIGHT COMPANY.
(Signed) By HARRISON E. GAWTRY,
President.

Attest:
SAML. J. YOUNG,
Secretary.
(Seal) THE HARLEM GAS LIGHT COMPANY,
(Signed) By THOMAS RUTTER,
President.

Attest:
WM. H. OSBORN,
Secretary.

New York Gas Light Company Stockholders' Meeting, Nov. 5th, 1884, at 157-9 Hester St.

Office of The New York Gas Light Company,
Nos. 157 and 159 Hester St.,

New York, 5th November, 1884.

A meeting of the Stockholders of The New York Gas Light Company was held at this office at noon, on this day, pursuant to the call of the Board of Directors of the Company, adopted at its meeting on September 29th, 1884, and to the following notice, of which a copy was deposited in the Post Office, on the 4th day of October 1884, addressed to each stockholder of the Company, when their place of residence was known to the Secretary, and which was also published, for at least three successive weeks, in the "Journal of Commerce," a newspaper published in the County of New York being the county in which the said Company has its place of business.

The meeting was called to order by Mr. Thomas K. Lees, the President of the Company, and Mr. Frederic W. Stevens was chosen Chairman, and Mr. George W. Doane, Secretary of the meeting.

By direction of the Chairman, the Secretary proceeded to ascertain the number of Stockholders present, and there were present, in person, or by proxy, stockholders representing 31,333 shares of the capital stock.

The Secretary then read the agreement with other Companies, entered into and made by the Directors of the Company on the 29th day of September, 1884, and dated on that day, and the resolution of the Directors, entering into, and making the same.

The following resolution was offered and seconded:

Resolved, That the agreement of the Directors of this Company, with the Directors of the Manhattan Gas Light Company, and of other Companies, dated September 29th, 1884, read at this meeting, and now submitted to the stockholders of this Company, be, and the same is hereby sanctioned and approved by the Stockholders.

The meeting ordered that, as the vote on this resolution must

be taken by ballot, the Chairman appoint three tellers to take and count the ballots.

The Chairman appointed as such tellers Messrs. Washington A. Hall, Benjamin W. How and Edgar S. Hicks, who, having been first duly sworn to perform faithfully the duties of their office, opened the polls at 12.20 o'clock P. M.

At 2.15 o'clock P. M., it was, on motion,

Resolved, That the polls be closed.

The Tellers presented their report, showing that there had been cast upon 31,353 shares of stock, 31,353 votes, and that of said votes, 30,483 were in favor of the adoption of the resolution, and 870 against the adoption thereof.

The Chairman declared that the Resolution was adopted, and the said agreement had been sanctioned and approved by the vote of more than two-thirds in amount of the stockholders present at the meeting.

On motion, the meeting then adjourned.

(Signed) G. W. DOANE,
Secretary.

State of New York,
City and County of New York, } *ss.:*

George W. Doane, being duly sworn, says that he was the Secretary of the meeting of the Stockholders of the New York Gas Light Company, held at the office of said Company on the fifth day of November, 1884, and that the foregoing is a copy of the proceedings of such meeting.

Sworn before me, this seventh day of November, 1884. }

(Signed) G. W. DOANE.

WM. J. CLARK,
Notary Public, Kings Co.
(L. S.) Ctf. filed New York Co.

State of New York,
City and County of New York, } *ss.:*

I, Patrick Keenan, Clerk of the said City and County, and Clerk of the Supreme Court of said State for said County, Do Certify, That I have compared the preceding with the sworn copy of proceedings of Stockholders' meeting of The New York Gas Light Company, on file in my office, and that the same is a correct transcript therefrom, and of the whole of such sworn copy.

Endorsed, Filed, and Recorded 10th Nov., 1884, 12 h. 30 m.

(Seal) In Witness Whereof, I have hereunto subscribed my name, and affixed my official seal, this 10th day of November, 1884.

(Signed) PATRICK KEENAN,
Clerk.

MANHATTAN GAS LIGHT COMPANY STOCKHOLDERS MEETING NOV. 5TH 1884. AT 4 IRVING PLACE.

Office of The Manhattan Gas Light Company.
No. 4 Irving Place

New York, 5th November, 1884.

A meeting of the Stockholders of The Manhattan Gas Light Company, was held at this office at noon, on this day, pursuant to the call of the Board of Directors of the Company, adopted at its meeting on September 29th 1884, and the following notice, of which a copy was deposited in the Post Office, on the 4th day of October, 1884, addressed to each stockholder of the Company, when their place of residence was known to the secretary, and which was also published for at least, three successive weeks in the "Journal of Commerce," a newspaper published in the County of New York, being the County in which the said Company has its place of business.

The meeting was called to order by the Secretary of the Company, and Mr. Charles Roome was chosen Chairman, and Mr. James W. Smith, Secretary of the meeting.

By direction of the President, the Secretary proceeded to ascertain the number of stockholders present, and there were present, in person, or by proxy, Stockholders, representing 54,156 shares of the Capital Stock.

The Secretary then read the agreement with other Companies, entered into, and made by the Directors of the Company on the 29th day of September 1884, and dated on that day, and the resolution of the Directors entering into and making the same.

The following resolution was offered and seconded:

Resolved, That the agreement of the Directors of this Company, with the Directors of other Companies, dated September 29th 1884, read at this meeting, and now submitted to the Stockholders of this Company, be, and the same is hereby sanctioned and approved by the Stockholders.

The meeting ordered that, as the vote on this resolution must be taken by ballot, the Chairman appoint three tellers to take and count the ballots.

The Chairman appointed as such tellers, Messrs Ralph Wells, William H. Albro, and James A. Bennett, who having been first duly sworn to perform faithfully the duties of their office, opened the polls at 12-30 P. M.

At 3 P. M. it was on motion

Resolved That the polls be closed.

The Tellers presented their report, showing that there had been cast upon 54,156 shares of stock, 54,156 votes, and that all of said votes were in favor of the adoption of the resolution.

The Chairman declared that the resolution was adopted, and that the said agreement had been sanctioned and approved by the vote of all of the stockholders present at the meeting.

In motion the meeting then adjourned.

(Signed) JAS. W. SMITH,
Secretary.

State of New York, }
City and County of New York } *ss:*

James W. Smith being duly sworn, says that he was the Secretary of the meeting of the Stockholders, of The Manhattan Gas Light Company, held at the office of said Company on the 5th day of November 1884, and that the foregoing is a copy of the proceedings, of such meeting.

(Signed) JAS. W. SMITH,

Sworn before me this 7th }
day of November 1884. }
Richard C. Greene
Notary public,
L. S. New York County.

State of New York }
City and County of New York, } *ss:*

I, Patrick Keenan, Clerk of the said City and County, and Clerk of the Supreme Court of said State for said County, Do Certify, That I have compared the preceding with the sworn copy of proceedings of stockholders meeting of The Manhattan Gas Light Company, on file in my office, and that the same is a correct transcript therefrom, and of the whole of such sworn copy.

Endorsed, Filed, and Recorded 10 Nov 1884, 12 h 30 m.

In Witness Whereof, I have hereunto subscribed my name, and affixed my official seal, this 10th day of November, 1884.

(Signed.) PATRICK KEENAN.
Clerk.

(Seal)

METROPOLITAN GAS LIGHT COMPANY. STOCKHOLDERS MEETING.

NOV. 8TH, 1884. AT BROADWAY AND 46TH ST.

Office of the Metropolitan Gas Light Company,
of the City of New York.
Broadway corner of 46th St. New York.
8th November, 1884.

A meeting of the Stockholders of The Metropolitan Gas Light Company of the City of New York, was held at this office at eleven A.M., on this day, pursuant to the call of the Board

of Directors of the Company, adopted at its meeting on September 29th, 1884, and the following notice, of which a copy was deposited in the Post Office on the 4th day of October 1884, addressed to each Stockholder of the Company, when their place of residence was known to the Secretary, and which was also published for at least three successive weeks, in "The New York Times," a newspaper published in the County of New York, being the County in which the said Company has its place of business.

The meeting was called to order by the Secretary of the Company, and Mr. O. Zollikoffer was chosen Chairman, and Mr. O. F. Zollikoffer, Secretary of the meeting.

By direction of the President, the Secretary proceeded to ascertain the number of Stockholders present, and there were present in person or by proxy, Stockholders representing 16440 shares of the Capital Stock.

The Secretary then read the agreement with other Companies, entered into, and made by the Directors of the Company, on the 29th day of September, 1884, and dated on that day, and the resolution of the Directors entering into, and making the same.

The following resolution, was offered and seconded:

Resolved, That the agreement of the Directors of this company, with the Directors of other Companies, dated September 29th 1884, read at this meeting, and now submitted to the Stockholders of this Company, be, and the same is hereby sanctioned and approved by the stockholders.

The meeting ordered that as the vote on this resolution must be taken by ballot, the Chairman appoint three tellers, to take and count the ballots.

The Chairman appointed as such tellers, Messrs G. W. Faber, S. J. Huggins, and F. W. Meyer, who, having been first duly sworn to perform faithfully the duties of their office, opened the polls at 11 A. M.

At 3 P. M., it was on motion,

Resolved, That the polls be closed.

The Tellers presented their report showing that there had been cast upon 16440 shares of stock, 16440 votes, and that of said votes 15556 were in favor of the adoption of the resolution and 884 against.

The Chairman declared that the resolution was adopted, and that the said agreement had been sanctioned and approved,

by the vote of more than two-thirds in amount of the Stockholders present at the meeting.

On motion, the meeting then adjourned.

(Signed). O. F. ZOLLIKOFER,
Sec't'y.

State of New York, City and County of New York } *ss:*

O. F. Zollikoffer, being duly sworn, says that he was the Secretary of the meeting of the Stockholders of the Metropolitan Gas Light Company of the City of New York, held at the office of said Company, on the eighth day of November 1884, and that the foregoing is a copy of the proceedings of such meeting.

(Signed). O. F. Zollikoffer.

Sworn to before me, this eighth day of November 1884.

G. T. Miatt.
Notary Public for Kings County.
(L. S.) Certif - filed in N. Y. County.

State of New York, City and County of New York, } *ss:*

I, Patrick Keenan, Clerk of the said City and County, and Clerk of the Supreme Court of said State for said County, Do Certify, That I have compared the preceding with the sworn copy of proceedings of Stockholders meeting, of The Metropolitan Gas Light Company, on file in my office, and that the same is a correct transcript therefrom, and of the whole of such sworn copy.

Endorsed, Filed, and Recorded, 10 November 1884, 12 h 30 m.

In Witness Whereof, I have hereunto subscribed my name, and affixed my official seal this 10th day of November 1884.

(Signed) PATRIC KEENAN
Clerk.

MUNICIPAL GAS LIGHT COMPANY. STOCKHOLDERS MEETING. NOV 5TH 1884 AT 360 - 4TH AVE.

A meeting of the Stockholders of the Municipal Gas Light Company of New York, was held at No. 360 Fourth Avenue, on Wednesday, the fifth day of November, 1884, at twelve o'clock noon, pursuant to the following notice, duly served, as required by law.

(Printed Copy).

State of New York, }
City and County of New York, } ss.:

Thomas Mulhearn, of the City of New York, being duly sworn, says that he is Chief Clerk, in the office of the "Mail and Express," a daily paper, printed and published in the City of New York; and that the Notice, of which the annexed is a printed copy, has been regularly published in the said "Mail and Express," Daily, for three weeks successively, commencing on the 14th day of October, 1884.

(Signed) THOMAS MULHEARN.

Sworn before me, this 5th day of November, 1884.

W. M. Bangs
Notary Public.

148. City and County of New York.

A copy of which notice was also deposited in the Post Office, in the City of New York, on the fourth day of October, 1884, addressed to each stockholder, whose place of residence was known to the Secretary.

(Signed) HARRISON E. GAWTRY.
Secretary.

The meeting was called to order by Henry Day, who read the notice. M. Bayard Brown was chosen as Chairman, and H. E. Gawtry as Secretary.

The Secretary reported that there were present at said meeting, stockholders, either in person, or by proxy, representing 25626 shares of the Capital Stock of this Company, entitling the same number of votes to be given at said meeting.

The Chairman presented an agreement, providing for consolidation of certain Gas companies of the City of New York, dated the 29th September, 1884, and executed by order of the Board of Directors, of the Municipal Gas Light Company of New York, by resolution passed by said Board of Directors, on the 29th day of September, 1884, under the corporate seal of said Company.

The said agreement was read at length by the Secretary.

It was stated by counsel of the Company, that the law under which said agreement was executed, provides that said agreement shall not be deemed to be the agreement of this corporation, until after it has been submitted to the Stockholders of this Company, and sanctioned and approved by said Stockholders, by a vote of at least two-thirds in amount of the Stockholders present, at a meeting to be called for such purpose, such voting to be made by ballot.

In order to take the sense of this meeting on the question of sanctioning and approving said agreement, on motion duly seconded, it was

Resolved, That this meeting do proceed to vote on the question

of approving and sanctioning said agreement, by ballot; that all who sanction and approve of said agreement, will cast a ballot, on which shall be written, "Agreement sanctioned and approved"; that those who do not sanction or approve said agreement, will cast a ballot on which there shall be written, Agreement not sanctioned or approved; that each party voting shall sign his ballot.

On motion duly seconded, it was

Resolved, That William Schwarzwaelder and Francis B. James, be appointed as tellers, to collect and declare the vote.

The polls were declared open, and the meeting then proceeded to ballot upon the question of sanctioning and approving, or rejecting the said agreement of consolidation.

On motion duly seconded, it was

Resolved, That the polls be declared closed, at one o'clock P. M.

The polls were accordingly declared closed at one o'clock P. M.

The tellers presented their report, verified under oath, that the following was the result of the ballot.

Ballots upon which was written, "Agreement sanctioned and approved," were cast by each and all of the stockholders present, either in person or by proxy; and that Twenty-five thousand, six hundred and twenty-six votes had been cast, on all of which was written, "Agreement sanctioned and approved."

The Chairman declared the agreement sanctioned and approved by more than two-thirds of the Stockholders of said Company.

On motion duly seconded it was

Resolved, That the proceedings of this meeting be recorded upon the books of the Municipal Gas Light Company of New York.

On motion duly seconded, it was

Resolved, That this meeting do now adjourn.

(Signed). HARRISON E. GAWTRY
Secretary.

City and County of New Work, *ss:*

Harrison E. Gawtry being duly sworn, doth depose and say, that he was the Secretary of the meeting of Stockholders of the Municipal Gas Light Company of New York, held at No. 360 Fourth Avenue, on the fifth day of November, 1884, and that the foregoing is a true copy of the proceedings of said meeting.

(Signed) HARRISON E. GAWTRY

Subscribed and sworn to before me,
this eighth day of November 1884

SAML. J. YOUNG
Notary Public Kings Co.
Certif. filed in N. Y. Co.

State of New York, City and County of New York } ss:

I, Patrick Keenan, Clerk of the said City and County, and Clerk of the Supreme Court of said State for said County, Do Certify, That I have compared the preceding with the sworn copy Municipal Gas Light Company of New York, on file in my office, and that the same is a correct transcript therefrom, and of the whole of such copy.

Endorsed, Filed and Recorded 10 Nov 1884, 12 h 30.

In Witness Whereof, I have hereunto subscribed my name, and affixed my official seal, this 10 day of November 1884.

(SEAL)

(Signed). PATRICK KEENAN
Clerk.

KNICKERBOCKER GAS LIGHT COMPANY. STOCKHOLDERS MEETING NOV 5TH 1884. AT 360 - 4TH AVE.

A meeting of Stockholders of the Knickerbocker Gas Light Company, was held at No. 360 Fourth Avenue, on Wednesday the fifth day of November 1884, at twelve o'clock noon, pursuant to the following notice, duly served as required by law.

Office of The Knickerbocker Gas Light Company of New York. No. 2008 Third Avenue. New York October 13th 1884.

Notice is hereby given, that a meeting of Stockholders of the Knickerbocker Gas Light Company of New York, is called for the fifth day of November 1884, at twelve o'clock noon, at No. 360 Fourth Avenue, New York City, to sanction and approve, or to reject an agreement, made by the Directors of the Company, for consolidation with other Companies, under Chapter 367, Laws of the State of New York, for the year 1884.

By order of the Board of Directors.

SAMUEL J. YOUNG,
Secretary.

State of New York, City and County of New York, } ss:

Thomas Mulhearn, of the City of New York, being duly sworn, says that he is Chief Clerk, in the office of the "Mail and Express," a daily paper printed and published in the City of New York, and that the notice, of which the annexed is a printed copy, has been regularly published in the said Mail and Express, daily, for three weeks successively, commencing on the 14th day of October, 1884.

(Signed) THOMAS MULHEARN.

Sworn before me this
5th day of November, 1884.)

(Signed). W. M. BANGS
148. Notary Public.
City and County of New York

A copy of which notice, was also deposited in the Post Office, in the City of New York, on the fourth day of October 1884, addressed to each Stockholder, whose place of business was known to the Secretary.

(Signed.) PHILIP ALLEN,
Secretary.

The meeting was called to order by H. E. Gawtry, who read the notice, and was chosen Chairman, and Philip Allen was chosen Secretary.

The Secretary reported that there were present at said meeting, Stockholders, either in person or by proxy, representing Fifteen thousand shares of the Capital Stock of the Company, entitling the same number of votes to be given at said meeting.

The Chairman presenting an agreement providing for Consolidation of certain Gas Companies, of the City of New York, dated the twenty-ninth day of September, 1884, and executed by order of the Board of Directors of The Knickerbocker Gas Light Company, by resolution passed by said Board of Directors on the 29th day of September, 1884, under the corporate seal of said Company.

The said agreement was read at length by the Secretary.

It was stated by counsel of the Company, that the law under which said agreement was executed, provides that said agreement shall not be deemed to be the agreement of this Corporation, until after it has been submitted to the Stockholders of this Company, and sanctioned and approved by said Stockholders, by a vote of at least two-thirds in amount of the Stockholders present, at a meeting, to be called for such purpose, such voting to be made by ballot.

In order to take the sense of this meeting, on the question of sanctioning and approving said agreement, on motion duly seconded, it was

Resolved, That this meeting do proceed to vote on the question of approving and sanctioning said agreement, by ballot; that all who sanction and approve of said agreement will cast a ballot, on which shall be written, "Agreement sanctioned and approved"; that those who do not sanction or approve said agreement, will cast a ballot, on which there shall be written, "Agreement not sanctioned or approved.

That each party voting shall sign his ballot.

On motion duly seconded it was

Resolved, That Henry Day be appointed as teller, to collect and declare the vote.

The polls were declared open, and the meeting then proceeded to ballot upon the question of sanctioning and approving, or rejecting the said agreement of Consolidation.

On motion duly seconded, it was

Resolved, That the polls be declared closed at one o'clock P. M.

The polls were accordingly closed at one o'clock P. M.

The Teller presented his report, that the following was the result of the ballot.

Ballots upon which were written, "Agreement sanctioned and approved, were cast by each and all of the Stockholders present, either in person, or by proxy, and that Fifteen thousand votes had been cast, on all of which was written, "Agreement sanctioned and approved."

The Chairman declared the agreement sanctioned and approved, by more than two-thirds of the Stockholders of said Company.

On motion duly seconded it was

Resolved, That the proceedings of this meeting, be recorded upon the books of the Knickerbocker Gas Light Company.

On motion duly seconded it was,

Resolved, That this meeting do now adjourn.

(Signed) PHILIP ALLEN.
Secretary.

City and County of New York, *ss:*

Philip Allen being duly sworn, doth depose and say, that he was the Secretary of the meeting of Stockholders, of the Knickerbocker Gas Light Company, held at No. 360 Fourth Avenue, on the fifth day of November 1884, and that the foregoing is a true copy of the proceedings of said meeting.

(Signed) PHILIP ALLEN.

Subscribed and sworn to before me,
this eighth day of November, 1884.

SAML. J. YOUNG
Notary Public
Kings Co.

(L. S.) Certificate filed in N. Y. Co.

State of New York, }
City and County of New York, } *ss:*

I, Patrick Keenan, Clerk of the said City and County, and Clerk of the Supreme Court of said State for said County, Do Certify, That I have compared the preceding, with the sworn copy of proceeding of Stockholders meeting of Knickerbocker Gas Light Co. on file in my office, and that the same

is a correct transcript therefrom, and of the whole of such sworn copy.

Endorsed, Filed, and Recorded, 10 Nov 1884, 12 h 30 m.

In Witness Whereof, I have hereunto subscribed my (Seal) name, and affixed my official seal, this 10th day of November, 1884.

(signed) PATRICK KEENAN.
Clerk.

HARLEM GAS LIGHT COMPANY. STOCKHOLDERS MEETING. NOV. 5TH 1884. AT 2084 3RD AVE.

Meeting of the Stockholders of the Harlem Gas Light Company, held at its office No. 2084 Third Avenue, on November 5th 1884, at 12, noon, pursuant to notice, to sanction and approve, or reject an agreement made by the Directors, for Consolidation with other Companies.

On motion Henry G. De Forest was elected Chairman, and William H. Osborn, Secretary of the meeting of Stockholders.

The Chairman then read in full, the proposed agreement of Consolidation, dated September 29th 1884, and executed by the officers of the following Companies:

The New York Gas Light Company, The Manhattan Gas Light Company, The Metropolitan Gas Light Company of the City of New York, The New York Mutual Gas Light Company, The Municipal Gas Light Company of New York, The Knickerbocker Gas Light Company, and The Harlem Gas Light Company.

The Secretary presented proof by affidavit that the following notice of this meeting had been addressed to each of the Stockholders of the Company, and deposited in the Post Office on the 4th day of October, 1884, and that the said notice had been published daily, for three successive weeks, in the "Mail and Express," a newspaper published in the City and County of New York, beginning on the 4th day of October, 1884.

Office of the Harlem Gas Light Company,
No. 2084 Third Avenue, N. W. corner 114th St.,

New York, October 6th, 1884.

Notice is hereby given, that a meeting of Stockholders of the Harlem Gas Light Company is called for the fifth day of November, 1884, at twelve o'clock, noon, at the office of the Company, 2084 3rd Avenue, to sanction and approve, or reject an agreement made by the Directors of the Company, for Consolidation with other Companies, under Chapter 367, Laws of the State of New York, for the year 1884.

The books of the Company, for the transfer of stock, will be closed from October 5th to November 10th, 1884, inclusive.

By order of the Board.

WILLIAM H. OSBORN,
Secretary.

State of New York, } *ss.:*
City and County of New York, }

Thomas Mulhearn, of the City of New York, being duly sworn, says that he is the Chief Clerk in the office of the "Mail and Express," a daily paper, printed and published in the City of New York, and that the notice, of which the annexed is a printed copy, has been regularly published in the said "Mail and Express" daily, in each week, for three weeks successively, commencing on the 4th day of October, 1884.

(Signed) THOMAS MULHEARN.

Sworn before me, this }
1st day of November, 1884. }

W. M. BANGS,
Notary Public,

148 City and County of New York.

Office of the Harlem Gas Light Company,
No. 2084 Third Avenue,
N. W. Corner 114th St.,
New York, October 6th, 1884.

Notice is hereby given that a meeting of Stockholders of the Harlem Gas Light Company, is called for the fifth day of November, 1884, at twelve o'clock, noon, at the office of the Company, 2084 Third Avenue, to sanction and approve, or reject an agreement, made by the Directors of the Company, for the Consolidation with other Companies, under Chapter 367, Laws of the State of New York, for the year 1884.

The books of the Company, for the transfer of stock, will be closed from October 5th to November 10th, 1884, inclusive.

By order of the Board.

WILLIAM H. OSBORN,
Secretary.

State of New York, } *ss.:*
City and County of New York, }

William H. Osborn, being duly sworn, says, I am Secretary of the Harlem Gas Light Company.

I know the names and addresses of all the Stockholders of the said Company, and knew such names on October 4th, 1884.

I addressed a notice, of which the following is a copy, to each of said Stockholders, at their place of residence, and deposited the same in the New York Post Office, Station "L," on October 4th, 1884.

Office of the Harlem Gas Light Company,
No. 2084 Third Avenue,
N. W. Cor. 114th St.,
New York, October 6th, 1884.

Notice is hereby given, that a meeting of Stockholders of the Harlem Gas Light Company, is called for the fifth day of November, 1884, at twelve o'clock, noon, at the office of the Company, 2084 Third Avenue, to sanction and approve, or reject an agreement, made by the Directors of the Company, for consolidation with other Companies, under Chapter 367, Laws of the State of New York, for the year 1884.

The books of the Company for the transfer of stock, will be closed from October 5th to November 10th, inclusive.

By order of the Board.

WILLIAM H. OSBORN,
Secretary.

Sworn before me, this 5th day of November, 1884.

(Signed) WM. H. OSBORN.

EVAN H. HOPKINS, Notary Public,
(134.) N. Y. County.

On motion of John H. Moss, the Polls were opened for the reception of ballots in regard to such agreement, by Messrs. Charles O. Joline, John R. Spies, and John M. Long, who had been duly appointed Inspectors, for this meeting.

After all the Stockholders present who desired to vote, had cast their ballots, and none others presented themselves in response to an inquiry from the Chairman, as to whether any other stockholders desired to vote, the polls were on motion declared closed at 3 P. M.

The Inspectors thereupon presented the following report:

State of New York, City and County of New York, } *ss.:*

Charles O. Joline, John M. Long, and John R. Spies, being each duly sworn, each saith for himself, that he will well, and truly, and faithfully, discharge the duties of Inspector, to receive the votes to be cast at a meeting of the Stockholders of the Harlem Gas Light Company, called for the 5th day of November, 1884, at twelve o'clock, noon, to sanction and approve, or reject an agreement, made by the Directors of the said Co., for Consolidation with other Companies, under Chapter 367, Laws of the State of New York, for the year 1884.

(Signed) CHAS. O. JOLINE,
JOHN M. LONG,
JOHN R. SPIES.

Sworn before me this 5th day of November, A. D. 1884.
WM. H. OSBORN (34),
Notary Public, Co. N. Y.

We, the undersigned Inspectors, appointed by the Board of Directors of the Harlem Gas Light Company, to receive the votes cast at a meeting of the Stockholders of the said Company, called for the fifth day of November, 1884, at twelve o'clock, noon, at the office of the Company, 2084 Third Ave., to sanction and approve, or reject an agreement made by the Directors of the Company, for consolidation with other Companies, under Chapter 367, Laws of the State of New York, for the year 1884, do hereby certify that we were duly sworn, well, and truly, and faithfully, to discharge our duties as such Inspectors.

That the polls were opened at 12 o'clock, noon, and closed at 3 P. M.

That at said meeting, Thirty thousand nine hunderd and thirty-nine shares of the Capital Stock of said Company, were voted upon by ballot.

That all of said 30939 shares of stock, voted by ballot, to sanction and approve said agreement.

We further certify, that the entire number of shares of stock of the Harlem Gas Light Company is 40,000.

That two-thirds thereof is 26,667, and that said agreement has been sanctioned and approved by the vote of all the stockholders present at said meeting, and by the vote of more than two-thirds in amount of all the Stockholders of the said Company, voting by ballot, in regard thereto.

Dated November 5th, 1884.

(Signed) CHAS. O. JOLINE,
JOHN M. LONG,
JOHN R. SPIES,
Inspectors.

In presence of
WM. H. OSBORN (34),
Notary Public, Co. N. Y.

The minutes of this meeting, and the Certificate of the Inspectors were then read, and on motion approved, and the Secretary was directed to certify the same.

On motion the meeting of Stockholders adjourned.

(Signed) WM. H. OSBORN,
Secretary.

State of New York, }
City and County of New York, } *ss.:*

William H. Osborn, being duly sworn, doth depose and say, that he was Secretary of the meeting of Stockholders, of the Harlem Gas Light Company, held November 5th, 1884, at the

office of the Company, and that the foregoing is a true and correct copy of the minutes of said meeting.

(Signed) WILLIAM H. OSBORN.

Sworn to before me this 8th day of November, A. D. 1884.

EVAN H. HOPKINS,
Notary Public (134), N. Y. County.

State of New York, City and County of New York, } ss.:

I, Patrick Keenan, Clerk of the said City and County, and Clerk of the Supreme Court of said State for said County, Do certify, That I have compared the preceding with the sworn copy of proceedings of Stockholders' meeting of the Harlem Gas Light Company, on file in my office, and that the same is a correct transcript therefrom, and of the whole of such sworn copy.

Endorsed, Filed, and Recorded, 10 Nov., 1884, 12 h. 30 m.

(Seal) In Witness Whereof, I have hereunto subscribed my name, and affixed my official seal, this 10th day of November, 1884.

(Signed) PATRICK KEENAN,
Clerk.

On motion of Mr. Day, seconded by Mr. Zollikoffer, it was

Resolved, That the Board proceed to ballot for temporary officers, to hold office during the pleasure of this Board, or until others are elected in their place.

The Chairman appointed Mess. Pyne and Rutter, to act as tellers, to collect and declare the ballot.

Mr. Charles Roome was nominated for President.

The tellers announced that 10 ballots had been cast, all in favor, Charles Roome as President.

Mr. Roome was duly declared elected, and took the Chair.

Mr. Thomas K. Lees was nominated for first Vice-President, and Mr. Oscar Zollikoffer was nominated for second Vice-President.

The tellers announced that 10 ballots had been cast for Mr. Lees as first Vice-President, and 10 ballots for Mr. Zollikoffer as second Vice-President.

These gentlemen were declared duly elected.

Mr. James W. Smith was nominated for Treasurer, and Harrison E. Gawtry for Secretary.

The tellers announced that 10 ballots had been cast for Mr. Smith as Treasurer, and 10 ballots for Mr. Gawtry as Secretary.

These gentlemen were declared duly elected.

On motion of Mr. Lees, seconded by Mr. Sloan, it was

Resolved, That all employees, clerks, engineers, etc., be retained in the service of this Company, during the pleasure of the Board, at the same rates of pay as are now enjoyed by them.

On motion of Mr. Francklyn, and seconded by Mr. Rutter it was

Resolved, That the general office of this Company be at No. 4 Irving Place, and that the offices formerly occupied by the Consolidating Companies be retained as Branch Offices for the present.

On motion of Mr. Sloan, duly seconded, it was

Resolved, That the seal of the Company, as presented by Mr. Day, be approved, the form of which is shown herewith.

The Consolidated Gas Company of New York.

Incorporated November 10, 1884.

On motion of Mr. Day, duly seconded, it was

Resolved, That an Executive Committee of six, be appointed to hold office, during the pleasure of the Board.

That said Committee shall have the full power of the Board to carry on the business of this Company during the intervals of the meetings of the Board of Trustees.

That their acts be reported, and subject to confirmation by the Board, and that

Messrs. Zollikoffer, Lees, Smith, Francklyn, Rutter, and Sloan, be appointed such Committee.

On motion, it was

Resolved, That Mess. Lees, Francklyn and Huggins be appointed a Committee on By-Laws.

On motion of Mr. Sloan, duly seconded, it was

Resolved, That the officers of the Company, be directed to prepare a certificate of stock, and the necessary stationery, for the Company.

On motion of Mr. Smith, it was

Resolved, That the City Bank be designated as the principal depositary of the funds of the Company, and that for the present the monies collected at the several Branch Offices, be deposited as follows:

Collections made at the

New York Branch,				in the Oriental Bank.		
Manhattan	"	"	"	Bank of the Metropolis.		
Municipal	"	"	"	First National Bank.		
Knickerbocker	"	"	"	"	"	"
Metrooplitan	"	"	"	Germania	"	
Harlem	"	"	"	Mt. Morris	"	

On motion of Mr. Sloan, duly seconded, it was

Resolved, That

Whereas, the agreement entered into between the various Gas Companies of the City of New York, dated the 5th day of April, 1880, having expired, on account of the consolidation of six of said Companies,

Resolved, That the Secretary give the following notice to the New York Mutual Gas Light Company, the same being the only Company, mentioned in said agreement, which has not entered into Consolidation The Consolidated Gas Company of New York, hereby gives notice to the New York Mutual Gas Gas Light Company, that the agreement dated April 5th, 1880, between The New York Gas Light Company, The Manhattan Gas Light Company, The Metropolitan Gas Light Company of the City of New York, The New York Mutual Gas Light Company, The Municipal Gas Light Company of New York, The Knickerbocker Gas Light Company, and The Harlem Gas Light Company, is hereby terminated, by the Consolidation of six of said Companies, into the Consolidated Gas Company of New York; and, that this Company, and the Companies it represents, are, in no manner bound by the same, after this date, to which time the accounts of all the Companies under said agreement, will be adjusted.

On motion of Mr. Lees, seconded by Mr. Sloan, it was

Resolved, That the price of gas supplied by this Company, from and after this date, be as follows:

To consumers consuming at the rate of less than 100,000 c. f. per month, at $1.75 per thousand cubic feet.

To consumers consuming at the rate of 100,000 c. f. and over, per month, $1.50 per thousand cubic feet, and that the officers of the Company, at once advertise in the daily papers, due noice of said reduction.

On motion of Mr. Sloan, duly seconded, it was

Resolved, That Mr. Henry H. Anderson and Henry Day be appointed as the legal counsel of this Board, during the pleasure of the Board.

Resolved, That each trustee attending the meetings of this Board, receive the sum of ten dollars, for such attendance.

Resolved, That this Board take a recess, until Monday next, November 17th, at 12 o'clock noon.

H. E. GAWTRY,
Secty.

Consolidated Gas Company. Trustees' meeting, Nov. 17th, 1884, at 52 Wall St.

A meeting of the Trustees of the Consolidated Gas Company was held at 52 Wall St., on Monday, Nov. 17th, 1884, at twelve o'clock, noon.

Present—Messrs. Day, Francklyn, Gawtry, Huggins, Lees, Pyne, Roome, Rutter, Sloan, Smith, and Zollikoffer.

Minutes of last meeting were read and approved.

Mr. Lees of Committee on By-Laws, reported progress.

The Secretary reported, that a copy of the resolution adopted at the last meeting, had been sent to the New York Mutual Gas Light Company, and that a letter had been received from the President of the Mutual Company, acknowledging its receipt.

On motion of Mr. Lees, duly seconded, it was

Resolved, That either of the officers of this Company, be authorized to make contracts for the supply of gas, at the rates fixed by this Board, for a term not exceeding five years. Such contract to be issued under the seal of this Company, from the General office of the Company.

On motion of Mr. Francklyn, duly seconded, it was

Resolved, That the stock of this Company, be registered at the Farmers Loan and Trust Company.

On motion of Mr. Sloan, seconded by Mr. Rutter, it was

Resolved, That the form of certificate of stock, as presented by the Treasurer, be adopted.

On motion of Mr. Sloan, duly seconded, it was

Resolved, That each of the Consolidating Companies, send at once to the counsel of the Company, properly executed deeds of all its property.

On motion, duly seconded, it was

Resolved, That the officers of the Company proceed at once to organize its business, open the general books, and detail sufficient clerks for that purpose.

On motion,

Resolved, That this meeting adjourn, to Monday, November 24th, at 12, at 52 Wall St.

H. E. GAWTRY,
Secty.

DEFENDANT'S EXHIBIT AA36.

Admission of Wm. L. Ransom, December 15, 1919, being a notice to furnish certain information. Not printed.

DEFENDANT'S EXHIBIT AA37.

Computation of Witness R. A. Carter, showing cost of commercial department to be 6½ cents per thousand. Not printed.

DEFENDANT'S EXHIBIT AA38.

ALL GAS COMPANIES

ADJUSTMENT MADE AS OF JUNE 30TH, 1919 OF GAS EXCHANGED BETWEEN COMPANIES DURING THE SIX MONTHS TO JUNE 30TH, 1919.

Rule to be observed in determining to which Company, or Companies, a debtor Company is debtor.

* * * * * * * * * *

Consolidated Gas Company:

As debtor Company will be debtor to the following Companies, in the order named to the extent that its requirements may be assumed to have been supplied from the surplus production of those Companies:

New York Mutual Light Company
The Standard Gas Light Company
New Amsterdam Gas Company

The Standard Gas Light Company:

Debtor to the Mutual Company to the extent that its requirements may be shown to have been provided by that Company in excess of what was necessary to be produced by that Company to meet the requirements of the Consolidated Company.

Central Union Gas Company:

Debtor to the Mutual Company to the extent, if any, that its requirements may be estimated to have been supplied from the surplus production of that Company, after providing for the requirements of the Consolidated and Standard Companies.

Debtor to the Standard Company to the extent that any of its requirements may be estimated to have been supplied from the surplus production of that Company, after providing for the requirements of the Consolidated Company.

Debtor to the New Amsterdam Company for the balance.

* * * * * * * * * *

ALL COMPANIES

SUMMARY OF GAS EXCHANGED 6 MOS. TO JUNE 30, 1919

AS CORRECTED JUNE 30, 1919

(Delivered to other Companies in Black—Received from other Companies in Red)

Does not include Astoria Co. for the reason that the volume of Astoria gas transferred was not affected by the adjustments made June 30, 1919.

Five Months to May 31, 1919

	Cu. ft.	Average Rate pr. M. c. f.	Amount	10%	Total
By					
Consolidated Gas Co.	764,121,100	50.55¢	$386,242.79	$38,624.27	$424,867.06
New Amsterdam Gas Co.	818,545,700	49.87	408,176.19	40,817.62	448,993.81
Central Union Gas Co. (Net)	266,559,400	43.36	115,591.33	11,559.13	127,150.46
Northern Union Gas Co.	923,083,600	47.97	442,817.58	44,282.26	487,099.34
Standard Gas Lt. Co. (Net)	49,242,500	49.03	24,144.67	2,414.46	26,559.13
N. Y. Mutual Gas Lt. Co.	651,342,100	50.58	329,437.52	32,943.74	362,381.26
Total					

Month of June, 1919

By					
Consolidated Gas Co.	184,867,800	42.48¢	$78,536.99	$7,853.70	$86,390.69
New Amsterdam Gas Co.	133,440,500	45.61	60,862.21	6,086.22	66,948.43
Central Union Gas Co. (Net)	67,544,200	42.41	28,643.04	2,864.31	31,507.35
Northern Union Gas Co.	132,367,300	43.98	58,208.86	5,820.89	64,029.75
Standard Gas Light Co.	16,346,200	45.61	7,455.50	745.55	8,201.05
N. Y. Mutual Gas Lt. Co.	132,596,600	41.25	54,696.10	5,469.61	60,165.71
Total					

Six Months to June 30, 1919

By					
Consolidated Gas Co.	948,988,900	48.98¢	$464,779.78	$46,477.97	$511,257.75
New Amsterdam Gas Co.	951,986,200	49.27	469,038.40	46,903.84	515,942.24
Central Union Gas Co. (Net)	334,103,600	43.17	144,234.37	14,423.44	158,657.81
Northern Union Gas Co.	1,055,450,900	47.47	501,026.44	50,103.15	551,129.59
Standard Gas Lt. Co. (Net)	65,588,700	48.12	31,600.17	3,160.01	34,760.18
N. Y. Mutual Gas Lt. Co.	783,938,700	49.00	384,133.62	38,413.35	422,546.97
Total					

* * * * * * *

ALL COMPANIES

SUMMARY OF GAS EXCHANGED 6 MOS. TO JUNE 30, 1919
AS CANCELLED JUNE 30, 1919

(Delivered to other Companies in Black—Received from other Companies in Red)

Does not include Astoria Co. for the reason that the volume of Astoria Gas transferred was not affected by the adjustments made June 30, 1919.

Five Months to May 31, 1919

	Cu. ft.	Average Rate pr. M. c. f.	Amount	10%	Total
By					
Consolidated Gas Co. (Net)	479,698,500	51.90¢	$248,958.53	$24,895.86	$273,854.39
New Amsterdam Gas Co. (Net)	726,204,300	50.67	368,009.09	36,800.91	404,810.00
Central Union Gas Co. (Net)	224,462,500	49.57	111,276.98	11,127.69	122,404.67
Northern Union Gas Co.	970,992,600	50.20	487,425.84	48,742.58	536,168.42
Standard Gas Light Co. (Net)	105,782,500	47.64	50,397.24	5,039.72	55,436.96
N. Y. Mutual Gas Lt. Co.	605,806,800	50.76	307,495.54	30,749.56	338,245.10
Total					

Month of June, 1919

By					
Consolidated Gas Co. (Net)	27,019,900	37.29¢	$10,075.83	$1,007.59	$11,083.42
New Amsterdam Gas Co. (Net)	82,435,100	47.04	38,775.60	3,877.56	42,653.16
Central Union Gas Co. (Net)	43,844,000	45.56	19,975.33	1,997.53	21,972.86
Northern Union Gas Co.	159,231,300	46.33	73,780.43	7,378.04	81,158.47
Standard Gas Light Co.	46,879,200	40.47	18,970.83	1,897.08	20,867.91
N. Y. Mutual Gas Lt. Co.	106,851,300	41.25	44,076.16	4,407.62	48,483.78
Total					

Six Months to June 30, 1919

By					
Consolidated Gas Co. (Net)	506,718,400	51.12¢	$259,034.36	$25,903.45	$284,937.81
New Amsterdam Gas Co.	808,639,400	50.30	406,784.69	40,678.47	447,463.16
Central Union Gas Co. (Net)	268,306,500	48.92	131,252.31	13,125.22	144,377.53
Northern Union Gas Co.	1,130,223,900	49.65	561,206.27	56,120.62	617,326.89
Standard Gas Lt. Co. (Net)	152,661,700	45.44	69,368.07	6,936.80	76,304.87
N. Y. Mutual Gas Lt. Co.	712,658,100	49.33	351,571.70	35,157.18	386,728.88
Total					

* * * * * * *

ALL COMPANIES

SUMMARY OF VARIATIONS BETWEEN THE CORRECTED AND ORIGINAL CHARGES AND CREDITS FOR GAS EXCHANGED DURING THE 6 MOS. TO JUNE 30, 1919, WHICH WAS ADJUSTED AS OF JUNE 30, 1919.

(Increase in Quantity delivered and decrease in quantity received shown in Black)

(Increase in quantity received shown in Red)

Does not include Astoria Co. for the reason that the volume of Astoria gas transferred was not affected by the adjustments made June 30, 1919.

Five Months to May 31, 1919.

	Cu. ft.	Average Rate pr. M. c. f.	Amount	10%	Total
Consolidated Gas Co.	284,422,600	.....	$137,284.26	$13,728.41	$151,012.67
New Amsterdam Gas Co.	92,341,400	.....	40,167.10	4,016.71	44,183.81
Central Union Gas Co.	42,096,900	.....	4,314.35	431.44	4,745.79
Northern Union Gas Co.	47,909,000	.....	44,608.26	4,460.82	49,069.08
Standard Gas Light Co.	56,540,000	.....	26,252.57	2,625.26	28,877.83
N.Y. Mutual Gas Lt. Co.	45,535,300	.....	21,941.98	2,194.18	24,136.16
Total	.....	.....	.....	.....	.....

Month of June, 1919.

Consolidated Gas Co.	157,847,500	.....	$68,461.16	$6,846.11	$75,307.27
New Amsterdam Gas Co.	51,005,400	.....	22,086.61	2,208.66	24,295.27
Central Union Gas Co.	23,700,200	.....	8,667.71	866.78	9,534.49
Northern Union Gas Co.	26,864,000	.....	15,571.57	1,557.15	17,128.72
Standard Gas Light Co.	30,533,000	.....	11,515.33	1,151.53	12,666.86
N. Y. Mutual Gas Lt. Co.	25,745,300	.....	10,619.94	1,061.99	11,681.93
Total	.....	.....	.....	.....	.....

Six Months to June 30, 1919

Consolidated Gas Co.	442,270,500	.....	$205,745.42	$20,574.52	$226,319.94
New Amsterdam Gas Co.	143,346,800	.....	62,253.71	6,225.37	68,479.08
Central Union Gas Co.	65,797,100	.....	12,982.06	1,298.22	14,280.28
Northern Union Gas Co.	74,773,000	.....	60,179.83	6,017.97	66,197.80
Standard Gas Light Co.	87,073,000	.....	37,767.90	3,776.79	41,544.69
N. Y. Mutual Gas Lt. Co.	71,280,600	.....	32,561.92	3,256.17	35,818.09
Total	.....	.....	.....	.....	.....

* * * * * * *

	Loss or unaccounted for		Requirements in excess of or below recorded S. O. (Excess over S. O. in black—below S. O. in red. Cu. ft.	Con. Gas Co. Cu. ft.	New Amst. Co. Cu. ft.
	Cu. ft.	%			
	108,841,900	5.2122	226,723,500	.....	.....
& E. R.	30,504,300	7.6875	201,407,600	38,639,300	.....
	[illegible]	[illegible]	[illegible]	.....	.....
	15,994,500	5.6762	65,709,500	.....	.....
	18,365,700	7.6317	35,926,000	35,926,000	.....
	14,417,900	8.4593	152,158,200	152,158,200	.....
Total	208,421,500	6.0374	.....	226,723,500	.....
& No. Un.	[illegible]	[illegible]	[illegible]	.....	.....
	77,397,800	4.3090	148,144,000	.....	.....
& E. R.	[illegible]	[illegible]	[illegible]	[illegible]	.....
Un.	12,691,000	4.6785	77,600,300	.....	.....
	10,691,400	5.5559	[illegible]	.....	.....
	[illegible]	[illegible]	[illegible]	16,405,200	.....
	10,419,209	5.5229	104,313,400	104,313,400	.....
Total	144,806,900	4.7265	.....	148,144,000	.....
& No. Un.	23,382,400	5.0426	132,649,300	.....	.....
	114,293,600	6.0459	145,138,300	.....	.....
& E. R.	34,500,000	9.1702	139,798,500	33,394,100	.....
Un.	[illegible]	[illegible]	[illegible]	.....	.....
	[illegible]	[illegible]	[illegible]	.....	.....
	21,354,509	8.6357	8,530,400	.....	.....
	[illegible]	[illegible]	[illegible]	111,744,200	.....
Total	224,869,300	7.0948	.....	145,138,300	.....

S[ ]ATTAN AND BRONX AND E. R. CO. OF L. I. CITY)—Concluded

(I

D[ ]	Purchased by						
	Amst. Co. u. ft.	Central Union Co. Cu. ft.	No. Union Co. Cu. ft.	Standard Co. Cu. ft.	Mutual Co. Cu. ft.	Con. Gas Co. Cu. ft.	Ne
	.....	.....	.....	.....	.....	.....	3
=	.....	96,998,800	65,709,500	.....	.....	.....	
	.....	.....	.....	.....	.....	.....	9
	.....	.....	.....	.....	.....	.....	6
	.....	.....	.....	.....	.....	.....	
	.....	.....	.....	.....	.....	.....	
Co	.....	.....	.....	.....	.....	.....	
Ne	.....	96,998,800	65,709,500	.....	.....	.....	30
C	.....	.....	.....	.....	.....	.....	
Cen	.....	162,768,300	.....	.....	.....	.....	
No	.....	.....	.....	.....	.....	.....	2
Sta	.....	.....	.....	.....	.....	.....	
N. Y	.....	77,800,300	55,049,000	.....	.....	.....	7
	.....	.....	.....	.....	.....	.....	
	.....	.....	.....	.....	.....	.....	5
	.....	.....	.....	.....	.....	.....	
	.....	.....	.....	.....	.....	.....	
Co	.....	77,800,300	55,049,000	.....	.....	.....	16
New	.....	.....	.....	.....	.....	.....	
G	.....	132,649,300	.....	.....	.....	.....	13
Cen	.....	.....	.....	.....	.....	.....	
Nor	.....	.....	.....	.....	.....	.....	3
Sta	.....	57,782,000	40,092,000	8,530,800	.....	.....	
N. Y	.....	.....	.....	.....	.....	.....	5
	.....	.....	.....	.....	.....	.....	4
	.....	.....	.....	.....	.....	.....	
	.....	.....	.....	.....	.....	.....	
	.....	57,782,000	40,092,000	8,530,800			12

Con
New
Co
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Stan
N. Y.

cluded.

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Manufactured by					Total to be accounted for. Cu. ft.
New Amst. Co. Cu. ft.	Central Union Co. Cu. ft.	No. Union Co. Cu. ft.	Standard Co. Cu. ft.	Mutual Co. Cu. ft.	
38,639,300	.....	.....	35,936,000	152,158,200	2088,210,200
.....	.....	.....	.....	.....	396,905,400
96,998,800	.....	.....	.....	.....	311,649,700
65,769,500	.....	.....	.....	.....	211,311,600
.....	.....	.....	.....	.....	240,650,000
.....	.....	.....	.....	.....	170,437,800
301,407,600	.....	.....	35,936,000	152,158,200	1419,064,700
.....	.....	.....	.....	.....	522,961,300
27,425,400	.....	.....	16,405,200	104,313,400	
.....	.....	.....	.....	.....	
77,600,300	.....	.....	.....	.....	
55,049,000	.....	.....	.....	.....	
.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	
160,074,700	.....	.....	16,405,200	104,313,400	
132,649,300	.....	.....	.....	.....	
33,394,100	.....	.....	.....	111,744,200	
.....	.....	.....	.....	.....	
57,782,000	.....	.....	.....	.....	
40,042,000	.....	.....	.....	.....	
8,530,400	.....	.....	.....	.....	
.....	.....	.....	.....	.....	

1 Bb Thsd. Elem

ALL GAS COMPANIES (MANHATTAN AND BR

Statement of Manhattan and Bronx Companies (incl. E. R. Gas Co. of L. I. City) wi
ks together with the cubic feet of gas accounted for, the total to be accounted for, th
r Companies by each Company for each of the given months (January to June, 1919, in

	Active Mains in ground on the last day of each month.		Central Union & Northern Union Ratio of Requirements.	Recorded S. O., incl. Ast. S. O. to Con. Gas. Co. Cu. ft.	
	Ratio.	Miles.			
–1919.					
olidated Gas Company.....	43.9535%	820.95	.....	(a)1,861,486,700	1,5
Amst. & E. R. Gas Companies	18.1120	338.29	.....	598,213,000	5
al Union Gas Company.....	8.6401	160.63	59.5953%	(b)214,650,960	2
ern Union Gas Company....	9.3968	175.51	40.4067	(b)145,542,100	1
ted Gas Light Company.....	10.8509	202.67	.....	276,577,000	2
d Mutual Gas Light Company.	9.0867	169.72	.....	322,596,000	2
tal	100.0000	1,867.77	.....	3,419,064,700	3,2
& No. Union Gas Company	17.0000	236.11		360,103,000	4

ND E. R. GAS CO. OF L. I. CITY)—Continued.

e miles of active mains in the ground on the last day of each of the given and % unaccounted for and quantity of gas delivered to or received from

Total gas accounted for			Loss—due to condensation, etc., 3% of total to be accounted for (All Cos.) distributed to each Co. on the basis that the ratio of each Co's accounted for bears to the total of all Cos.	Other loss in mains, etc., distributed to each Co. on the basis of the average loss per mile of main, 55,600.8502 cu. ft. per mile.	Total to be accounted for. Cu. ft.
Used by Company. Cu. ft.	Total Cu. ft.	Ratio			
7,491,200	1,979,368,300	61.6118%	65,176,400	45,645,500	2,088,210,200
1,391,500	346,301,100	11.4019	11,605,100	18,809,200	376,905,400
658,400	293,352,500	9.1312	9,366,000	8,931,200	311,649,700
296,500	195,317,100	6.0796	6,230,000	9,758,500	211,311,600
453,900	222,284,300	6.9161	7,092,100	11,268,600	240,650,000
160,300	156,019,900	4.8564	4,981,300	9,436,600	170,437,800
10,911,700	3,212,643,200	100.0000	102,571,900	103,849,600	3,419,064,700
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CONSOLIDATED GAS COMPANY OF NEW YORK.

CORRECTED QUANTITY OF GAS RECEIVED FROM THE N. Y. MUTUAL GAS LIGHT CO., THE STANDARD GAS LIGHT CO. AND THE NEW AMSTERDAM GAS CO., TOGETHER WITH THE RATE PER M CU. FT. AND AMOUNT CHARGED DURING EACH MONTH FROM JANUARY TO JUNE 1919 INCLUSIVE AND THE AGGREGATE FOR THE PERIOD.

(The Astoria Co. is not included in this statement for the reason that the volume of Astoria gas delivered was not subject to adjustment)

See statement attached showing the basis of the computations by which the volume of gas received from each Company and the total received was determined.

From The N. Y. Mutual Gas Light Co.

	cu. ft.	Rate per M c. f.	Amount	10%	Total
January	152,158,200	52.42¢	$79,761.33	$7,976.13	$87,737.46
February	104,313,400	53.71	56,026.73	5,602.67	61,629.40
2 Months	256,471,600		135,788.06	13,578.80	149,366.86
March	111,744,200	54.73	61,157.60	6,115.76	67,273.36
3 Months	368,215,800		196,945.66	19,694.56	216,640.22
April	107,807,500	47.27	50,960.61	5,096.06	56,056.67
4 Months	476,023,300		247,906.27	24,790.62	272,696.89
May	136,307,800	46.37	63,205.93	6,320.59	69,526.52
5 Months	612,331,100		311,112.20	31,111.21	342,223.41
June	132,596,600	41.25	54,696.10	5,469.61	60,165.71
6 Months	744,927,700		365,808.30	36,580.82	402,389.12
	From The Standard Gas Light Co.				
January	35,926,000	46.76¢	$16,799.00	$1,679.90	$18,478.90
February	16,405,200	47.80	7,841.69	784.17	8,625.86
2 Months	52,331,200		24,640.69	2,464.07	27,104.76
March	.....	.....	.....	.....	.....
3 Months	52,331,200		24,640.69	2,464.07	27,104.76
April	.....	.....	.....	.....	.....
4 Months	52,331,200		24,640.69	2,464.07	27,104.76
May	.....	.....	.....	.....	.....
5 Months	52,331,200		24,640.69	2,464.07	27,104.76
June	.....	.....	.....	.....	.....
6 Months	52,331,200		24,640.69	2,464.07	27,104.76
	From New Amsterdam Gas Co.				
January	38,639,300	50.87¢	$19,655.81	$1,965.58	$21,621.39
February	27,425,400	50.22	13,773.04	1,377.30	15,150.34
2 Months	66,064,700		33,428.85	3,342.88	36,771.73
March	33,394,100	51.09	17,061.05	1,706.11	18,767.16
3 Months	99,458,800		50,489.90	5,048.99	55,538.89
April	.....	.....	.....	.....	.....
4 Months	99,458,800		50,489.90	5,048.99	55,538.89
May	.....	.....	.....	.....	.....
5 Months	99,458,800		50,489.90	5,048.99	55,538.89
June	52,271,200	45.61	23,840.89	2,384.09	26,224.98
6 Months	151,730,000		74,330.79	7,433.08	81,763.87
	• • • • • • •				
Total Received—					
5 Months	764,121,100		$386,242.79	$38,624.27	$424,867.06
June	184,867,800		78,536.99	7,853.70	86,390.69
6 Months	948,988,900		$464,779.78	$46,477.97	$511,257.75

Amounts charged or credited by the Consolidated Gas Co. for gas received and delivered during the 6 months to June 30, 1919 which are to be cancelled as of June 30, 1919.

From the N. Y. Mutual Gas Light Co.

January	150,938,100	52.42¢	$79,121.75	$7,912.18	$87,033.93
February	96,868,000	53.71	52,027.80	5,202.78	57,230.58
2 Months	247,806,100		131,149.55	13,114.96	144,264.51

CONSOLIDATED GAS COMPANY OF NEW YORK

From The N. Y. Mutual Gas Light Co.

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
Brought forward—					
2 Months	247,800,100	.....	$131,149.55	$13,114.96	$144,264.51
March	111,027,800	54.73¢	60,765.51	6,076.56	66,842.07
3 Months	358,833,900	.....	191,915.06	19,191.52	211,106.58
April	117,683,200	47.27	55,628.85	5,562.88	61,191.73
4 Months	476,517,100	.....	247,543.91	24,754.40	272,298.31
May	129,289,700	46.37	59,951.63	5,995.16	65,946.79
5 Months	605,806,800	.....	307,495.54	30,749.56	338,245.10
June	106,851,300	41.25	44,076.16	4,407.62	48,483.78
6 Months	712,658,100	.....	351,571.70	35,157.18	386,728.88
From and To The Standard Gas Light Co.					
January	32,789,800	45.45¢	$14,902.96	$1,490.30	$16,393.26
February	7,540,700	47.50	3,581.83	358.18	3,940.01
2 Months	40,330,500	.....	18,484.79	1,848.48	20,333.27
March	9,030,300	47.28	4,269.53	426.95	4,696.48
3 Months	31,300,200	.....	14,215.26	1,421.53	15,636.79
April	57,713,800	50.99	29,428.27	2,942.83	32,371.10
4 Months	26,413,600	.....	15,213.01	1,521.30	16,734.31
May	79,368,900	44.33	35,184.23	3,518.42	38,702.65
5 Months	105,782,500	.....	50,397.24	5,039.72	55,436.96
June	46,879,200	42.15	18,970.83	1,897.08	20,867.91
6 Months	152,661,700	.....	69,368.07	6,936.80	76,304.87
From New Amsterdam Gas Co.					
January	26,308,400	50.87¢	$13,383.08	$1,338.31	$14,721.39
February	724,600	50.22	363.89	36.39	400.28
2 Months	25,583,800	.....	13,019.19	1,301.92	14,321.11
March	44,765,100	51.09	22,870.49	2,287.05	25,157.54
3 Months	70,348,900	.....	35,889.68	3,588.97	39,478.65
April	52,054,400	48.86	25,433.78	2,543.38	27,977.16
4 Months	18,294,500	.....	10,455.90	1,045.59	11,501.49
May	38,620,300	48.15	18,595.67	1,859.57	20,455.24
5 Months	20,325,800	.....	8,139.77	813.98	8,953.75
June	32,952,200	45.61	15,029.50	1,502.95	16,532.45
6 Months	53,278,000	.....	23,169.27	2,316.93	25,486.20
Net Total Cancellations					
5 Months	479,698,500	.....	$248,958.53	$24,895.86	$273,854.39
June	27,019,900	.....	10,075.83	1,007.59	11,083.42
6 Months	506,718,400	.....	259,034.36	25,903.45	284,937.81
Corrected Amounts in Excess of Cancellations					
5 Months	284,422,600	.....	$137,284.26	$13,728.41	$151,012.67
June	157,847,900	.....	68,461.16	6,846.11	75,307.27
6 Months	442,270,500	.....	205,745.42	20,574.52	226,319.94

* Black figures represent (Purchased from)
Red figures represent (Sold to)

NEW AMSTERDAM GAS COMPANY.

CORRECTED QUANTITY OF GAS DELIVERED TO THE CONSOLIDATED GAS COMPANY, THE CENTRAL UNION GAS COMPANY AND THE STANDARD GAS LIGHT COMPANY TOGETHER WITH THE RATE PER M CU. FT. AND AMOUNT CHARGED DURING EACH MONTH FROM JANUARY TO JUNE INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas delivered to each of these Companies and the total delivered was determined.

To Consolidated Gas Co. of N. Y.

	cu. ft.	Rate per M c. f.	Amount	10%	Total
January	38,639,300	50.87¢	$19,655.81	$1,965.56	$21,621.39
February	27,425,400	50.22	13,773.04	1,377.30	15,150.34
2 Months	66,064,700		33,428.85	3,342.88	36,771.73
March	33,394,100	51.09	17,061.05	1,706.11	18,767.16
3 Months	99,458,800		50,489.90	5,048.99	55,538.89
April	.....	.....	.....	.....	.....
4 Months	99,458,88		50,489.90	5,048.99	55,538.80
May	.....	.....	.....	.....	.....
5 Months	99,458,800		50,489.90	5,048.99	55,538.89
June	52,271,200	45.61	23,840.89	2,384.09	26,224.98
6 Months	151,730,000		74,330.79	7,433.08	81,763.87

To Central Union Gas Co.

January	162,768,300	50.87¢	$82,800.23	$8,280.02	$91,080.25
February	132,649,300	50.22	66,616.48	6,661.65	73,278.13
2 Months	295,417,600		149,416.71	14,941.67	164,358.38
March	97,874,000	51.09	50,003.83	5,000.38	55,004.21
3 Months	393,291,600		199,420.54	19,942.05	219,362.59
April	149,184,300	49.86	72,891.45	7,289.15	80,180.60
4 Months	542,475,900		272,311.99	27,231.20	299,543.19
May	114,048,300	48.15	54,914.26	5,491.43	60,405.69
5 Months	665,524,200		327,226.25	32,722.65	359,948.88
June	64,623,100	45.61	29,565.82	2,956.58	32,522.40
6 Months	721,347,300		356,792.07	35,679.21	392,471.28

To The Standard Gas Light Co.

January	.....	.....¢	$.....	$.....	$.....
February	.....	.....	.....	.....	.....
2 Months	.....	.....	.....	.....	.....
March	8,530,400	51.09	4,358.18	435.82	4,794.00
April	12,015,000	48.86	5,870.53	587.05	6,457.58
4 Months	20,545,400		10,228.71	1,022.87	11,251.58
May	42,017,300	48.15	20,231.33	2,023.13	22,254.46
5 Months	62,562,700		30,460.04	3,046.00	33,506.04
June	16,346,200	45.61	7,455.50	745.55	8,201.05
6 Months	78,908,900		37,915.54	3,791.55	41,707.09

* * * * * * *

Total Delivered—				
5 Months	818,545,700	$408,176.19	$40,817.62	$448,993.81
June	133,440,500	60,862.21	6,086.22	66,948.43
6 Months	951,986,200	469,038.40	46,903.84	515,942.24

NEW AMSTERDAM GAS COMPANY.

AMOUNTS CHARGED AND CREDITED FOR GAS EXCHANGED WITH THE CONSOLIDATED GAS COMPANY AND THE CENTRAL UNION GAS COMPANY DURING THE 6 MONTHS TO JUNE 30, 1919 WHICH ARE TO BE REVERSED AS OF JUNE 30, 1919.

Consolidated Gas Co. of N. Y.

	cu. ft.	Rate per M c. f.	Amount	10%	Total
January	26,308,400	50.87¢	$13,383.08	$1,338.31	$14,721.39
February	724,600	50.22	363.89	36.39	400.28
2 Months	25,583,800		13,019.19	1,301.92	14,321.11
March	44,565,100	51.09	22,870.49	2,287.05	25,157.54
3 Months	70,348,900		35,889.68	3,588.97	39,478.65
April	52,054,400	48.86	25,433.78	2,543.38	27,977.16
4 Months	18,294,500		10,455.90	1,045.59	11,501.49
May	38,620,300	48.15	18,595.67	1,859.57	20,455.24
5 Months	20,325,800		8,139.77	813.98	8,953.75
June	32,952,200	45.61	15,029.50	1,502.95	16,532.45
6 Months	53,278,000		23,169.27	2,316.93	25,486.20

Central Union Gas Co.

January	169,243,200	51.35¢	$86,906.38	$8,690.64	$95,597.02
February	145,999,200	50.89	74,298.99	7,429.90	81,728.89
2 Months	315,242,400		161,205.37	16,120.54	177,325.91
March	95,614,600	51.60	49,337.13	4,933.71	54,270.84
3 Months	410,857,000		210,542.50	21,054.25	231,596.75
April	181,020,800	49.46	89,532.89	8,953.29	98,486.18
4 Months	591,877,800		300,075.39	30,007.54	330,082.93
May	154,652,300	49.19	76,073.47	7,607.35	83,680.82
5 Months	746,530,100		376,148.86	37,614.89	413,763.75
June	115,387,300	46.18	53,805.10	5,380.51	59,185.61
6 Months	861,917,400		429,953.96	42,995.40	472,949.36

The Standard Gas Light Co.

None

* * * * * * *

Total (Net)				
5 Months	726,204,300	$368,009.09	$36,800.91	$404,810.00
June	82,435,100	38,775.60	3,877.56	42,653.16
6 Months	608,639,400	406,784.69	40,678.47	447,463.16
Variation (Net Gain)				
5 Months	92,341,400	40,167.10	4,016.71	44,183.81
June	51,005,400	22,086.61	2,208.66	24,295.27
6 Months	143,346,800	62,253.71	6,225.37	68,479.08

CENTRAL UNION GAS COMPANY.

CORRECTED QUANTITY OF GAS DELIVERED TO THE NORTHERN UNION GAS COMPANY TOGETHER WITH THE RATE PER M. C. F. AND AMOUNT CHARGED DURING EACH MONTH FROM JANUARY TO JUNE, 1919, NCLUSIVE, AND AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computation by which the volume of gas delivered was determined.

To Northern Union Gas Co. (from C. U. Plant.)

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	145,542,100	47.16¢	$68,637.65	$6,863.77	$75,501.42
February	137,382,300	46.87	64,391.08	6,439.11	70,830.19
2 Months	282,924,400	.....	133,028.73	13,302.88	146,331.61
March	143,551,200	49.37	70,871.23	7,087.12	77,958.35
3 Months	426,475,600	....	203,899.96	20,390.00	224,289.96
April	115,932,100	46.91	54,383.75	5,438.38	59,822.13
4 Months	542,407,700	....	258,283.71	25,828.38	284,112.09
May	113,420,500	45.24	51,311.43	5,131.14	56,442.57
5 Months	655,828,200	....	309,595.14	30,959.52	340,554.66
June	105,554,200	43.56	45,979.41	4,597.94	50,577.35
6 Months	761,382,400	....	355,574.55	35,557.46	391,132.01

To Northern Union Gas Co. (portion of gas received from N. A. Co.)

January	65,769,500	50.87¢	$33,456.94	$3,345.69	$36,802.63
February	55,049,000	50.22	27,645.61	2,764.56	30,410.17
2 Months	120,818,500	....	61,102.55	6,110.25	67,212.80
March	40,092,000	51.09	20,483.00	2,048.30	22,531.30
3 Months	160,910,500	....	81,585.55	8,158.55	89,744.10
April	60,819,900	48.86	29,716.60	2,971.66	32,688.26
4 Months	221,730,400	....	111,302.15	11,130.21	122,432.36
May	45,525,000	48.15	21,920.29	2,192.03	24,112.32
5 Months	267,255,400	....	133,222.44	13,322.24	146,544.66
June	26,813,100	45.61	12,229.45	1,222.95	13,452.40
6 Months	294,068,500	....	145,451.89	14,545.19	159,997.08

* * * * * * *

Total Corrected					
5 Months	923,083,600	....	$442,817.58	$44,281.76	$487,099.34
June	132,367,300	....	58,208.86	5,820.89	64,029.75
6 Months	1,055,450,900	....	501,026.44	50,102.65	551,129.09

* * * * * * *

CU. FT. AND AMOUNTS CHARGED FOR GAS DELIVERED TO THE NORTHERN UNION GAS COMPANY DURING THE 6 MONTHS TO JUNE 30, 1919, WHICH ARE TO BE REVERSED AS OF JUNE 30, 1919.

To Northern Union Gas Co. (from C. U. Plant)

January	45,485,400	49.10¢	$22,333.33	$2,233.33	$24,566.66
February	53,802,800	48.80	26,255.77	2,625.58	28,881.35
2 Months	99,288,200	....	48,589.10	4,858.91	53,448.01
March	87,004,100	51.13	44,485.20	4,448.52	48,933.72
3 Months	186,292,300	....	93,074.30	9,307.43	102,381.73
April	12,609,600	48.84	6,158.53	615.85	6,774.38
4 Months	198,901,900	....	99,232.83	9,923.28	109,156.11
May	25,560,600	47.12	12,044.15	1,204.41	13,248.56
5 Months	224,462,500	....	111,276.98	11,127.69	122,404.67
June	43,844,000	45.56	19,975.33	1,997.53	21,972.86
6 Months	268,306,500	....	131,252.31	13,125.22	144,377.53

CENTRAL UNION GAS COMPANY

To Northern Union Gas Co. (All of gas received from N. A. Co.)

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	169,243,200	51.35¢	$86,906.38	$8,690.64	$95,597.02
February	145,999,200	50.89	74,298.99	7,429.90	81,728.89
2 Months	315,242,400	....	161,205.37	16,120.54	177,325.91
March	95,614,600	51.60	49,337.13	4,933.71	54,270.84
3 Months	410,857,000	....	210,542.50	21,054.25	231,596.75
April	181,020,900	49.46	89,532.89	8,953.29	98,486.18
4 Months	591,877,800	....	300,075.39	30,007.54	330,082.93
May	154,652,300	49.19	76,073.47	7,607.35	83,680.82
5 Months	746,530,100	....	376,148.86	37,614.89	413,763.75
June	115,387,300	46.18	53,805.10	5,380.51	59,185.61
6 Months	861,917,400	....	429,953.96	42,995.40	472,949.36
Total Cancelled					
5 Months	970,992,600	....	$487,425.84	$48,742.58	$536,168.42
June	159,231,300	....	73,780.43	7,378.04	81,158.47
6 Months	1,130,223,900	....	561,206.27	56,120.62	617,326.89
Variations—Cancellations in Excess of Corrected Charges.					
5 Months	47,909,000	....	$44,608.26	$4,460.82	$39,069.08
June	26,864,000	....	15,571.57	1,557.15	27,128.72
6 Months	74,773,000	....	60,179.83	6,017.97	66,197.80

CENTRAL UNION GAS COMPANY

CORRECTED QUANTITY OF GAS DELIVERED TO THE NORTHERN UNION GAS COMPANY AND RECEIVED FROM THE NEW AMSTERDAM GAS COMPANY TOGETHER WITH THE RATE PER M. C. F. AND AMOUNT DURING EACH MONTH FROM JANUARY TO JUNE, 1919, INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas received from or delivered to each Company and the total received or delivered was determined.

Delivered to Northern Union Gas Co. (from C. U. Plant)

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	145,542,100	47.16¢	$68,637.65	$6,863.77	$75,501.42
February	137,382,300	46.87	64,391.08	6,439.11	70,830.19
2 Months	282,924,400	....	133,028.73	13,302.88	146,331.61
March	143,551,200	49.37	70,871.23	7,087.12	77,958.35
3 Months	426,475,600	....	203,899.96	20,390.00	224,289.96
April	115,932,100	46.91	54,383.75	5,438.38	59,822.13
4 Months	542,407,700	....	258,283.71	25,828.38	284,112.09
May	113,420,500	45.24	51,311.43	5,131.14	56,442.57
5 Months	655,828,200	....	309,595.14	30,959.52	340,554.66
June	105,554,200	43.56	45,979.41	4,597.94	50,577.35
6 Months	761,382,400	....	355,574.55	35,557.46	391,132.01

Delivered to Northern Union Gas Co. (N. A. Gas)

January	65,769,500	50.87¢	$33,456.94	$3,345.69	$36,802.63
February	55,049,000	50.22	27,645.61	2,764.56	30,410.17
2 Months	120,818,500	....	61,102.55	6,110.25	67,212.80
March	40,092,000	51.09	20,483.00	2,048.30	22,531.30
3 Months	160,910,500	....	81,585.55	8,158.55	89,744.10
April	60,819,900	48.86	29,716.60	2,971.66	32,688.26
4 Months	221,730,400	....	111,302.15	11,130.21	122,432.36
May	45,525,000	48.15	21,920.29	2,192.03	24,112.32
5 Months	267,255,400	....	133,222.44	13,322.24	146,544.68
June	26,813,100	45.61	12,229.45	1,222.95	13,452.40
6 Months	294,068,500	....	145,451.89	14,545.19	159,997.08

Received from New Amsterdam Gas Co. (Total)

January	162,768,300	50.87¢	$82,800.23	$8,280.02	$91,080.25
February	132,649,300	50.22	66,616.48	6,661.65	73,278.13
2 Months	295,417,600	....	149,416.71	14,941.67	164,358.38
March	97,874,000	51.09	50,003.83	5,000.38	55,004.21
3 Months	393,291,600	....	199,420.54	19,942.05	219,362.59
April	149,184,300	48.86	72,891.45	7,289.15	80,180.60
4 Months	542,475,900	....	272,311.99	27,231.20	299,543.19
May	114,048,300	48.15	54,914.26	5,491.43	60,405.69
5 Months	656,524,200	....	327,226.25	32,722.63	359,948.88
June	64,823,100	45.61	29,565.82	2,956.58	32,522.40
6 Months	721,347,300	....	356,792.07	35,679.21	392,471.28

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Delivered in Excess of Received:					
5 Months	266,559,400	....	$115,591.33	$11,559.13	$127,150.46
June	67,544,200	....	28,643.04	2,864.31	31,507.35
6 Months	334,103,600	....	144,234.37	14,423.44	158,657.81

CENTRAL UNION GAS COMPANY

AMOUNTS CHARGED AND CREDITED BY THE CENTRAL UNION GAS COMPANY FOR GAS RECEIVED AND DELIVERED DURING THE 6 MONTHS TO JUNE 30, 1919, WHICH ARE TO BE CANCELLED AS OF JUNE 30, 1919.

Delivered to Northern Union Gas Co. (from C. U. Plant)

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	45,485,400	49.10¢	$22,333.33	$2,233.33	$24,56
February	53,802,800	48.80	26,255.77	2,625.58	28,88
2 Months	99,288,200	.....	48,589.10	4,858.91	53,44
March	87,004,100	51.13	44,485.20	4,448.52	48,93
3 Months	186,292,300	.....	93,074.30	9,307.43	102,38
April	12,609,600	48.84	6,158.53	615.85	6,77
4 Months	198,901,900	.....	99,232.83	9,923.28	109,15
May	25,560,600	47.12	12,044.15	1,204.41	13,24
5 Months	224,462,500	.....	111,276.98	11,127.69	122,40
June	43,844,000	45.56	19,975.33	1,997.53	21,97
6 Months	268,306,500	.....	131,252.31	13,125.22	144,37

Delivered to Northern Union Gas Co. (N. A. Gas)

January	169,243,200	51.35¢	$86,906.38	$8,690.64	$95,59
February	145,999,200	50.89	74,298.99	7,429.90	81,72
2 Months	315,242,400	.....	161,205.37	16,120.54	177,32
March	95,614,600	51.60	49,337.13	4,933.71	54,27
3 Months	410,857,000	.....	210,542.50	21,054.25	231,59
April	181,020,800	49.46	89,532.89	8,953.29	98,48
4 Months	591,877,800	.....	300,075.39	30,007.54	330,08
May	154,652,300	49.19	76,073.47	7,607.35	83,68
5 Months	746,530,100	.....	376,148.86	37,614.89	413,76
June	115,387,300	46.18	53,805.10	5,380.51	59,18
6 Months	861,917,400	.....	429,953.96	42,995.40	472,94

Received from New Amsterdam Gas Co. (Total)

January	169,243,200	51.35¢	$86,906.38	$8,690.64	$95,59
February	145,999,200	50.89	74,298.99	7,429.90	81,72
2 Months	315,242,400	.....	161,205.37	16,120.54	177,32
March	95,614,600	51.60	49,337.13	4,933.71	54,27
3 Months	410,857,000	.....	210,542.50	21,054.25	231,59
April	181,020,800	49.46	89,532.89	8,953.29	98,48
4 Months	591,877,800	.....	300,075.39	30,007.54	330,08
May	154,652,300	49.19	76,073.47	7,607.35	83,68
5 Months	746,530,100	.....	376,148.86	37,614.89	413,76
June	115,387,300	46.18	53,805.10	5,380.51	59,18
6 Months	861,917,400	.....	429,953.96	42,995.40	472,94

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Delivered in Excess of Received:					
5 Months	224,462,500	.....	$111,276.98	$11,127.69	$122,40
June	43,844,000	.....	19,975.33	1,997.53	21,97
6 Months	268,306,500	.....	131,252.31	13,125.22	144,37
Net Gain to Central Union Co.					
5 Months	42,096,900	.....	$4,314.35	$431.44	$4,74
June	23,700,200	.....	8,667.71	866.78	9,53
6 Months	65,797,100	.....	12,982.06	1,298.22	14,28

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NORTHERN UNION GAS COMPANY.

CORRECTED QUANTITY OF GAS RECEIVED FROM THE CENTRAL UNION GAS CO., TOGETHER WITH THE RATE PER M. CU. FT. AND AMOUNT CHARGED DURING EACH MONTH FROM JANUARY TO JUNE, 1919, INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas received is determined.

Received from Central Union Gas Co. (From C. U. Plant)

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	145,542,100	47.16¢	$68,637.65	$6,863.77	$75,501.42
February	137,382,300	46.87	64,391.08	6,439.11	70,830.19
2 Months	282,924,400	.....	133,028.73	13,302.88	146,331.61
March	143,551,200	49.37	70,871.23	7,087.12	77,958.35
3 Months	426,475,600	.....	203,899.96	20,390.00	224,269.96
April	115,932,100	46.91	54,383.75	5,438.88	59,822.13
4 Months	542,407,700	.....	258,283.71	25,826.88	284,112.09
May	113,420,500	45.24	51,311.43	5,131.14	56,442.57
5 Months	655,828,200	.....	309,595.14	30,960.02	340,554.66
June	105,554,200	43.56	45,979.41	4,597.94	50,577.35
6 Months	761,382,400	.....	355,574.55	35,557.96	391,132.91
Received from Central Union Gas Co. (N. A. Gas)					
January	65,769,500	50.87¢	$33,456.94	$3,345.69	$36,802.63
February	55,049,000	50.22	27,645.61	2,764.56	30,410.17
2 Months	120,818,500	.....	61,102.55	6,110.25	67,212.80
March	40,092,000	51.09	20,463.00	2,048.30	22,531.30
3 Months	160,910,500	.....	81,585.55	8,158.55	89,744.10
April	60,819,900	48.86	29,716.60	2,971.66	32,688.26
4 Months	221,730,400	.....	111,302.15	11,130.21	122,432.36
May	45,525,000	48.15	21,920.29	2,192.03	24,112.32
5 Months	267,255,400	.....	133,222.44	13,322.24	146,544.68
June	26,813,100	45.61	12,229.45	1,222.95	13,452.40
6 Months	294,068,500	.....	145,451.89	14,545.19	159,997.08
Total—5 Months	923,083,600	.....	$442,817.58	$44,282.26	$487,099.34
June	132,367,300	.....	58,208.86	5,820.89	64,029.75
6 Months	1,055,450,900	.....	$501,026.44	$50,103.15	$551,129.09

NORTHERN UNION GAS COMPANY.

CUBIC FEET AND AMOUNTS PAID FOR GAS RECEIVED FROM THE CENTRAL UNION GAS CO. DURING THE 6 MONTHS TO JUNE 30, 1919, WHICH ARE TO BE CANCELLED AS OF JUNE 30, 1919.

Received from Central Union Gas Co. (From C. U. Plant)

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	45,485,400	49.10c	$22,333.33	$2,233.33	$24,566.[illegible]
February	53,802,800	48.80	26,255.77	2,625.58	28,881.[illegible]
2 Months	99,288,200	.....	48,589.10	4,858.91	53,448.[illegible]
March	87,004,100	51.13	44,485.20	4,448.52	48,933.[illegible]
3 Months	186,292,300	.....	93,074.30	9,307.43	102,381.[illegible]
April	12,609,600	48.84	6,158.53	615.85	6,774.[illegible]
4 Months	198,901,900	.....	99,232.83	9,923.28	109,156.[illegible]
May	25,560,600	47.12	12,044.15	1,204.41	13,248.[illegible]
5 Months	244,462,500	.....	111,276.98	11,127.69	122,404.[illegible]
June	43,844,000	45.56	19,975.33	1,997.53	21,972.[illegible]
6 Months	268,306,500	.....	131,252.31	13,125.22	144,377.[illegible]

Received from Central Union Gas Co. (N. A. Gas)

January	169,243,200	51.35c	$86,906.38	$8,690.64	$95,597.[illegible]
February	145,999,200	50.89	74,298.99	7,429.90	81,728.[illegible]
2 Months	315,242,400	.....	161,205.37	16,120.54	177,325.[illegible]
March	95,614,600	51.60	49,357.13	4,933.71	54,270.[illegible]
3 Months	410,857,000	.....	210,542.50	21,054.25	231,368.[illegible]
April	181,020,800	49.46	89,532.89	8,953.29	98,486.[illegible]
4 Months	591,877,800	.....	300,075.39	30,007.54	330,082.[illegible]
May	154,652,300	49.19	76,073.47	7,607.35	83,680.[illegible]
5 Months	746,530,100	.....	376,148.86	37,614.89	413,763.[illegible]
June	115,387,300	46.18	53,805.10	5,380.51	59,185.[illegible]
6 Months	861,917,400	.....	429,953.96	42,995.40	472,949.[illegible]

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Total—					
5 Months	970,992,600	.....	$487,425.84	$48,742.58	$536,168.[illegible]
June	159,231,300	.....	73,780.43	7,378.04	81,158.[illegible]
6 Months	1,130,223,900	.....	561,206.27	56,120.62	617,326.[illegible]

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Variation—Saving to No. Un. Co.					
5 Months	47,909,000	.....	$44,608.26	$4,460.82	$49,069.[illegible]
June	26,864,000	.....	15,571.57	1,557.15	17,128.[illegible]
6 Months	74,773,000	.....	60,179.83	6,017.97	66,197.[illegible]

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THE STANDARD GAS LIGHT COMPANY.

CORRECTED QUANTITY OF GAS DELIVERED TO THE CONSOLIDATED GAS COMPANY, TOGETHER WITH THE RATE PER M. CU. FT. AND AMOUNT CHARGED FOR EACH MONTH FROM JANUARY TO JUNE, 1919, INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas delivered was determined.

Consolidated Gas Co. of N. Y.

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	35,926,000	45.76¢	$16,799.00	$1,679.90	$18,478.90
February	16,405,200	47.80	7,841.69	784.17	8,625.86
2 Months	52,331,200	.....	24,640.69	2,464.07	27,104.76
March	.....	.....	.....	.....	.....
3 Months	52,331,200	.....	24,640.69	2,464.07	27,104.76
April	.....	.....	.....	.....	.....
4 Months	52,331,200	.....	24,640.69	2,464.07	27,104.76
May	.....	.....	.....	.....	.....
5 Months	52,331,200	.....	24,640.69	2,464.07	27,104.76
June	.....	.....	.....	.....	.....
6 Months	52,331,200	.....	24,640.69	2,464.07	27,104.76

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AMOUNT CHARGED OR CREDITED ON ACCOUNT OF GAS EXCHANGED WITH THE CONSOLIDATED GAS COMPANY DURING THE 6 MONTHS TO JUNE 30, 1919, WHICH ARE TO BE CANCELLED IN FAVOR OF THE ABOVE.

Consolidated Gas Co. of N. Y.

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	32,789,800	45.45¢	$14,902.96	$1,490.30	$16,393.26
February	7,540,700	47.50	3,581.83	358.18	3,940.01
2 Months	40,330,500	.....	18,484.79	1,848.48	20,333.27
March	9,030,300	47.28	4,269.53	426.95	4,696.48
3 Months	31,360,200	.....	14,215.26	1,421.53	15,636.79
April	57,713,800	50.99	29,428.27	2,942.83	32,371.10
4 Months	26,413,600	.....	15,213.01	1,521.30	16,734.31
May	79,368,900	44.33	35,184.23	3,518.42	38,702.65
5 Months	105,782,500	.....	50,397.24	5,039.72	55,436.96
June	.....	.....	788.75	78.88	867.63
.....	46,879,200	42.15	19,759.58	1,975.96	21,735.54
6 Months	152,661,700	.....	69,368.07	6,936.80	76,304.87

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THE STANDARD GAS LIGHT COMPANY

CORRECTED QUANTITY OF GAS RECEIVED FROM THE N. Y. MUTUAL GAS LIGHT CO. AND THE NEW AMSTERDAM GAS CO. AND DELIVERED TO THE CONSOLIDATED GAS CO., TOGETHER WITH THE RATE PER M CU. FT. AND AMOUNT DURING EACH MONTH FROM JANUARY TO JUNE 1919 INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas received from and delivered to each company and the total received or delivered was determined.

From The N. Y. Mutual Gas Light Co.

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	.....	.....¢	$.....	$.....	$.....
February	.....	.....	.....	.....	.....
2 Months	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....
3 Months	.....	.....	.....	.....	.....
April	26,213,200	47.27	12,390.98	1,239.10	13,630.06
4 Months	26,213,200	.....	12,390.98	1,239.10	13,630.08
May	12,797,800	46.37	5,934.34	593.43	6,527.77
5 Months	39,011,000	.....	18,325.32	1,832.53	20,157.85
June	.....	.....	.....	.....	.....
6 Months (Rec'd from Mutual)	39,011,000	.....	18,325.32	1,832.53	20,157.85
From New Amsterdam Gas Co.					
January	.....	.....¢	$.....	$.....	$.....
February	.....	.....	.....	.....	.....
2 Months	.....	.....	.....	.....	.....
March	8,530,400	51.09	4,358.16	435.82	4,794.00
3 Months	8,530,400	.....	4,358.18	435.82	4,794.00
April	12,015,000	48.86	5,870.53	587.05	6,457.58
4 Months	20,545,400	.....	10,228.71	1,022.87	11,251.58
May	42,017,300	48.15	20,231.33	2,023.13	22,254.46
5 Months	62,562,700	.....	30,460.04	3,046.00	33,506.04
June	16,346,200	45.61	7,455.50	745.55	8,201.05
6 Months (Rec'd from N. A.)	78,908,900	.....	37,915.54	3,791.55	41,707.09
To Consolidated Gas Co.					
January	35,926,000	46.76¢	$16,799.00	$1,679.90	$18,478.90
February	16,405,200	47.80	7,841.69	784.17	8,625.86
2 Months	52,331,200	.....	24,640.79	2,464.07	27,104.76
March	.....	.....	.....	.....	.....
3 Months	52,331,200	.....	24,640.79	2,464.07	27,104.76
April	.....	.....	.....	.....	.....
4 Months	52,331,200	.....	24,640.79	2,464.07	27,104.76
May	.....	.....	.....	.....	.....
5 Months	52,331,200	.....	24,640.79	2,464.07	27,104.76
June	.....	.....	.....	.....	.....
6 Months (Del'd to Con. Gas)	52,331,200	.....	24,640.79	2,464.07	27,104.76
Charges for Net Received:					
5 Months	49,242,500	.....	$24,144.67	$2,414.46	$26,559.13
June	16,346,200	.....	7,455.50	745.55	8,201.05
6 Months	65,588,700	.....	31,600.17	3,160.01	34,760.18

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THE STANDARD GAS LIGHT COMPANY

AMOUNTS CHARGED OR CREDITED BY THE STANDARD GAS LIGHT CO. FOR GAS RECEIVED FROM OR DELIVERED TO THE CONSOLIDATED GAS CO. DURING THE 6 MONTHS TO JUNE 30, 1919 WHICH ARE TO BE CANCELLED AS OF JUNE 30, 1919. (THE STANDARD CO. DID NOT RECEIVE FROM OR DELIVER ANY GAS TO THE NEW AMSTERDAM OR N. Y. MUTUAL COMPANIES UNDER THE OLD OR PRECEDING ARRANGEMENT.

Consolidated Gas Co. of N. Y.

	Cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	32,789,800	45.45¢	$14,902.96	$1,490.30	$16,393.26
February	7,540,700	47.50	3,581.85	358.18	3,940.01
2 Months	40,330,500	....	18,484.79	1,848.48	20,333.27
March	9,030,300	47.28	4,269.53	426.95	4,696.48
3 Months	31,300,200	....	14,215.26	1,421.53	15,636.79
April	57,713,800	50.99	29,428.27	2,942.83	32,371.10
4 Months	26,413,600	....	15,213.01	1,521.30	16,734.31
May	79,368,900	44.33	35,184.23	3,518.42	38,702.65
5 Months	105,782,500	....	50,397.24	5,039.72	55,436.96
June	46,879,200	42.15	18,970.83	1,897.08	20,867.91
6 Months (Net rec'd from Con Gas Co.)	152,661,700	....	69,368.07	6,936.80	76,304.87

New Amsterdam Gas Co.

None.

The New York Mutual Gas Light Co.

None.

Cancellation of Charges.

Net Total Received:					
5 Months	105,782,500	....	$50,397.24	$5,039.72	$55,436.96
June	46,879,200	....	18,970.83	1,897.08	20,867.91
6 Months	152,661,700	....	69,368.07	6,936.80	76,304.87
Net Gain to Standard Co.					
5 Months	56,540,000	....	$26,252.57	$2,625.26	$28,877.83
June	30,533,000	....	11,515.33	1,151.53	12,666.86
6 Months	87,073,000	....	37,767.90	3,776.79	41,544.69

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THE N. Y. MUTUAL GAS LIGHT COMPANY

CORRECTED QUANTITY OF GAS DELIVERED TO THE CONSOLIDATED GAS CO. AND THE STANDARD GAS LIGHT CO., TOGETHER WITH THE RATE FOR M. CU. FT. AND AMOUNT CHARGED DURING EACH MONTH FROM JANUARY TO JUNE 1919 INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas delivered to each of these Companies and the total delivered was determined.

To Consolidated Gas Company

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	152,158,200	52.42c	$79,761.33	$7,976.13	$87,737.46
February	104,313,400	53.71	56,026.73	5,602.67	61,629.40
2 Months	256,471,600	.....	135,788.06	13,578.80	149,366.86
March	111,744,200	54.73	61,157.60	6,115.76	67,273.36
3 Months	368,215,800	.....	196,945.66	19,694.56	216,640.22
April	107,807,500	47.27	50,960.61	5,096.00	56,056.72
4 Months	476,023,300	.....	247,906.27	24,790.62	272,696.89
May	136,307,800	46.37	63,205.93	6,320.59	69,526.52
5 Months	612,331,100	.....	311,112.20	31,111.21	342,223.41
June	132,596,600	41.25	54,696.10	5,469.61	60,165.71
6 Months	744,927,700	.....	365,808.30	36,580.82	402,389.12

To The Standard Gas Light Co.

January	.....	c	$.....	$.....	$.....
February	.....	.....	.....	.....	.....
2 Months	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....
3 Months	.....	.....	.....	.....	.....
April	26,213,200	47.27	12,390.98	1,239.10	13,630.08
4 Months	26,213,200	.....	12,390.98	1,239.10	13,630.08
May	12,797,800	46.37	5,934.34	593.33	6,527.77
5 Months	39,011,000	.....	18,325.32	1,832.52	20,157.85
June	.....	.....	.....	.....	.....
6 Months	39,011,000	.....	18,325.32	1,832.53	20,157.85
• • • • • • • • • •					
Total—5 Months ..	651,342,100	.....	$329,437.52	$32,943.74	$362,381.26
June	132,596,600	.....	54,696.10	5,469.61	60,165.71
6 Months ..	783,938,700	.....	384,133.62	38,413.35	422,546.97
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Amounts charged the Consolidated Gas Co. for gas delivered during the 6 months to June 30, 1919, which are to be reversed as of June 30, 1919 in favor of the above. (The Mutual Co. did not deliver gas to the Standard Co. under the old arrangement.)

To Consolidated Gas Co.

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	150,938,100	52.42c	$79,121.75	$7,912.18	$87,033.93
February	96,868,000	53.71	52,027.80	5,202.78	57,230.58
2 Months	247,806,100	.....	131,149.55	13,114.96	144,264.51
March	111,027,800	54.73	60,765.51	6,076.56	66,842.07
3 Months	358,833,900	.....	191,915.06	19,191.52	211,106.58
April	117,683,200	47.27	55,628.85	5,562.88	61,191.73
4 Months	476,517,100	.....	247,543.91	24,754.40	272,298.31
May	129,289,700	46.37	59,951.63	5,995.16	65,946.79
5 Months	605,806,800	.....	307,495.54	30,749.56	338,245.10
June	106,851,300	41.25	44,076.16	4,407.62	48,483.78
6 Months	712,658,100	.....	351,571.70	35,157.18	386,728.88

To The Standard Gas Light Co.

		None			
Total—5 Months ..	605,806,800	.....	$307,495.54	$30,749.56	$338,245.10
June	106,851,300	.....	44,076.16	4,407.62	48,483.78
6 Months ..	712,658,100	.....	351,571.70	35,157.18	386,728.88
Saving to Mutual Co.					
5 Months ..	45,535,300	.....	$21,941.98	$2,194.18	$24,136.16
June	25,745,300	.....	10,619.94	1,061.99	11,681.93
6 Months ..	71,280,600	.....	32,561.92	3,256.17	35,818.09

DEFENDAN
ST

GAS TRANS
THE CONSOLI
AND AFFILIA
DURING TH

GAS SOLD, USED AND UNACCOUNTED-FOR IN MANHATTAN,

	Average Active Mains in the ground during the calendar year 1918.		Total Gas	
	Miles	Ratio (c)	Sales to Consumers	U by Co
(Incl. Astoria Co.)	(a)821.90	43.9905	(a)18,110,330,206	(a)75,
am and E. R. Companies	337.94	18.0875	3,610,430,000	12,
Gas Company	160.56	8.5936	2,841,117,000	4,
n Gas Company	175.54	9.3954	(b)1,878,682,300	1,
Light Company	202.67	10.8475	2,255,785,800	2,
Gas Light Company	169.75	9.0855	1,789,011,500	5,
	1,868.36	100.0000	(a & b)30,485,356,800	(a)102,
Northern Union Average	336.10	17.9890	(b)4,719,799,300	6,
les Astoria Company	.70	.....	81,085,200	8,
les Gas to Westchester Company	.....	.....	97,934,500	..

EFENDANT'S EXHIBIT AA39.

STATEMENTS
IN RE
S TRANSFERRED BETWEEN
ONSOLIDATED GAS COMPANY
AFFILIATED GAS COMPANIES
RING THE CALENDAR YEAR
1918

IATTAN, BRONX AND LONG ISLAND CITY DURING THE CALEN

Total Gas Accounted-for, cu. ft.				Due to condensation, etc., 3% of the total to be accounted for, divided among the Cos. on basis of Ratio (d)	Due to other causes divided among the Cos. on the basis of Ratio (c)
s	Used by Company	Total	Ratio (d)		
00	(a) 75,622,200	(a) 18,185,952,400	59.4539	587,130,700	590,398,900
00	12,652,800	3,623,082,800	11.8447	116,971,100	242,753,300
00	4,853,800	2,845,970,800	9.3041	91,881,600	115,335,200
00	1,719,000	(b) 1,880,401,300	6.1474	60,708,000	126,096,200
00	2,596,500	2,258,382,300	7.3831	72,911,000	145,584,900
00	5,534,900	1,794,546,400	5.8668	57,937,000	121,937,000
00	(a) 102,979,200	(a & b) 30,588,336,000	100.0000	987,539,400	1,342,105,500
00	6,572,800	(b) 4,726,372,100	15.4515	152,589,600	241,431,400
00	8,194,400	89,279,600	.....	.....	.....
00	.....	97,934,500	.....	.....	.....

Co.
npany.

Schedule (A)

LENDAR YEAR 1918.

her ivid- g the the of (c)	Total to be accounted for	Loss or Unaccounted-for		.10%	Total Money Payment
	cu. ft.	cu. ft.	%		
,900	19,363,482,000	1,177,529,600	6.08	183.97	$16,323.62
,300	3,982,807,200	359,724,400	9.03	392.31	20,815.42
,200	3,053,187,600	207,216,800	6.79	190.71	16,397.84
,200	2,067,205,500	186,804,200	9.04	390.20	9,792.17
,900	2,476,878,200	218,495,900	8.82	345.70	14,802.75
,000	1,974,420,400	179,874,000	9.11	930.59	21,235.46
				175.19	1,927.09
,500	(a & b) 32,917,980,900	(b) 2,329,644,900	7.08	056.20	33,618.18
				182.66	57,009.31
,400	(b) 5,120,393,100	(b) 394,021,000	7.70	607.91	50,687.02
				712.90	40,841.92
....	89,279,600	.....	....	684.65	40,531.14
....	108,816,100	10,881,600	10.00		
				985.10	$186,836.14

NEW AMS

Statement of Gas transferre

	Total Company requirements during the year				
	Ordinary Meter Sales		P. P. Meter Sales Commercial	Used by Company	Total
	Commercial	Municipal			
.....	356,039,100	5,147,000	49,165,500	1,351,300	411,702,900
.....	343,955,700	4,025,100	40,902,500	1,084,600	389,967,900
.....	306,088,100	3,827,000	41,948,800	1,052,700	352,916,600
.....	268,936,100	2,982,800	39,807,800	1,018,100	312,744,800
.....	244,114,100	2,962,500	34,748,200	882,400	282,707,200
.....	219,164,700	2,752,700	30,811,400	784,700	253,513,500
.....	200,020,300	2,753,500	29,297,600	901,400	232,972,800
.....	183,958,800	2,285,200	27,240,300	1,008,700	214,493,000
.....	193,598,100	2,984,300	30,435,100	1,024,400	228,041,900
.....	239,173,200	3,495,400	35,290,800	1,112,300	279,071,700
.....	277,865,800	3,760,600	37,830,500	1,158,300	320,615,200
.....	297,273,100	3,721,400	42,066,900	1,273,900	344,335,300
.....	3,130,187,100	40,697,500	439,545,400	12,652,800	3,623,082,800

NEW AMSTERDAM GAS COMPANY.

as transferred during each month of the calendar year 1918.

ing the year (cu. ft.)					Transferred to Consolidated Gas Co. Received from Consolidated Gas Company.				
Total	Total New Amst. requirements. (Including loss due to condensation, leakage, etc. cu. ft.	Central Union Company requirements. from New Amst. Co. cu. ft.	Total Requirements cu. ft.	Send Out of gas made at New Amst. Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
411,702,900	452,570,000	265,569,300	718,139,300	753,155,000	35,015,700	42.38	14,839.65	$1,483.97	$16,323.62
389,967,900	428,677,500	253,464,900	682,142,400	636,357,000	45,785,400	41.33	18,923.11	1,892.31	20,815.42
352,916,600	387,948,300	152,281,500	540,229,800	576,116,000	35,886,200	41.54	14,907.13	1,490.71	16,397.84
312,744,800	343,788,900	164,518,800	508,307,700	485,997,000	22,310,700	39.90	8,901.97	890.20	9,792.17
282,707,200	310,769,700	139,719,600	450,489,300	418,593,000	31,896,300	42.19	13,457.05	1,345.70	14,802.75
253,513,500	278,678,100	100,433,800	379,111,900	332,312,000	46,799,900	41.25	19,304.96	1,930.50	21,235.46
232,972,800	256,098,500	93,235,700	349,334,200	345,165,000	4,169,200	42.02	1,751.90	175.19	1,927.09
214,493,000	235,784,300	66,982,600	302,766,900	375,223,000	72,456,100	42.18	30,561.98	3,056.20	33,618.18
228,041,900	250,678,100	129,147,300	379,825,400	508,014,000	128,188,600	40.43	51,826.65	5,182.66	57,009.31
279,071,700	306,773,300	141,561,800	448,335,100	560,641,000	112,305,900	41.03	46,079.11	4,607.91	50,687.02
320,615,200	352,440,600	157,394,500	509,835,100	598,959,000	89,123,900	41.66	37,129.02	3,712.90	40,841.92
344,335,300	378,515,200	148,807,900	527,323,100	610,236,000	82,912,900	44.44	36,846.49	3,684.65	40,531.14
,623,082,800	3,982,722,500	1,813,117,700	5,795,840,200	6,200,768,000	404,927,800	.....	$169,851.04	$16,985.10	$186,836.14

CENTRAL

Statement of gas transferred

	Total Company requirements during the year				
	Sales through ordinary and prepayment meters.		Used by Company		
	Central Union	Northern Union	Central Union	Northern Union	
.....	324,542,100	229,395,600	603,800	240,900	
.....	288,246,500	208,580,300	470,900	155,800	
.....	269,975,700	178,434,400	458,200	134,700	
.....	249,108,000	165,297,200	364,000	121,000	
.....	216,565,400	153,128,200	365,400	101,500	
.....	193,051,600	132,889,200	305,400	89,500	
.....	190,232,500	130,064,700	247,600	105,100	
.....	168,810,200	113,030,600	252,000	78,100	
.....	200,092,300	134,778,900	340,800	122,500	
.....	228,242,700	165,917,000	406,600	150,800	
.....	246,054,600	177,760,500	524,000	192,400	
.....	266,195,400	187,340,200	515,100	226,700	
	2,841,117,000	1,976,616,800	4,853,800	1,719,000	4,

CENTRAL UNION GAS COMPANY.

of gas transferred during each month of the calendar year 1918.

ents during the year (cu. ft.)					Received from the New Amsterdam Gas Company.				
Used by Company									
al n	Northern Union	Total	Total Central Union requirements (Including loss due to condensation leakage, etc.) cu. ft.	Sent Out of gas made at Central Union Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+ 10%	Total Money Payment
00	240,900	554,782,400	601,064,300	335,495,000	265,569,300	42.87	$113,849.56	$11,384.96	$125,234.52
00	155,800	497,453,500	538,952,900	285,488,000	253,464,900	41.85	106,075.06	10,607.50	116,682.56
00	134,700	449,003,000	486,460,500	334,179,000	152,281,500	42.04	64,019.14	6,401.91	70,421.05
00	121,000	414,890,200	449,501,800	284,983,000	164,518,800	40.48	66,597.21	6,659.72	73,256.93
00	101,500	370,160,500	401,040,600	261,321,000	139,719,600	42.73	59,702.19	5,970.22	65,672.41
00	89,500	326,335,700	363,559,800	253,126,000	100,433,800	41.93	42,111.89	4,211.19	46,323.08
00	105,100	320,649,900	347,399,700	254,164,000	93,235,700	42.82	39,923.53	3,992.35	43,915.88
00	78,100	282,170,900	305,710,600	238,728,000	66,982,600	42.95	28,769.03	2,876.90	31,645.93
00	122,500	335,334,500	363,309,300	234,162,000	129,147,300	40.98	52,924.56	5,292.46	58,217.02
00	150,800	394,717,100	427,645,800	286,084,000	141,561,800	41.61	58,903.86	5,890.39	64,794.25
00	192,400	424,531,500	459,947,500	302,553,000	157,394,500	42.11	66,278.82	6,627.88	72,906.70
00	226,700	454,277,400	482,174,900	343,367,000	148,807,900	44.99	66,948.67	6,694.87	73,643.54
00	1,719,000	4,824,306,600	5,226,767,700	3,413,650,000	1,813,117,700		$766,103.52	$76,610.35	$842,713.87

CENTRAL

Statement of gas transferred to the Northern Un

Total Northern Union requirements during the yea

	Ordinary Meter Sales		Prepayment Meter Sales	Sales to Westchester Ltg. Co.	
	Commercial	Municipal			
.....	150,194,000	1,705,400	61,987,600	9,508,600	
.....	146,200,800	1,553,100	51,470,100	9,556,300	
.....	116,347,800	1,331,100	52,569,500	8,186,000	
.....	111,029,600	1,048,400	44,952,300	8,266,900	
.....	102,810,200	1,016,100	41,370,100	7,931,800	
.....	96,657,400	805,000	34,756,600	6,670,200	
.....	84,247,100	848,900	37,201,300	7,767,400	
.....	72,076,800	726,100	34,293,400	5,934,300	
.....	88,881,900	894,300	37,666,900	7,335,800	
.....	113,187,600	950,200	43,409,700	8,369,500	
.....	117,626,800	1,237,600	49,550,600	9,345,500	
.....	121,696,300	1,136,400	55,245,300	9,262,200	
.....	1,320,956,300	13,252,600	544,473,400	97,934,500	1,

(a) Central Union cost for the cu. ft. required by the Northern Union C

(b) New Amsterdam cost for the cu. ft. of gas required by the Northern

CENTRAL UNION GAS COMPANY

ransferred to the Northern Union Gas Company during each month of the calendar year 1918.

n requirements during the year (cu. ft.)					Transferred to Northern Union Gas Company				
repayment Meter Sales	Sales to Westchester Ltg. Co.	Used by Company	Total	Total No. Union requirements (Including loss due to condensation leakage, etc.) cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
61,987,000	9,508,600	240,900	229,636,500	252,458,800	252,458,800	(b) 42.87	$108,229.09	$10,822.91	$119,052.00
51,470,100	9,356,300	155,800	208,736,100	229,481,200	229,481,200	(b) 41.85	96,037.88	9,603.79	105,641.67
52,569,500	8,186,000	134,700	178,569,100	196,316,100	196,316,100	(a) 44.60 (b) 42.04	83,658.57	8,365.86	92,024.43
44,952,300	8,206,900	121,000	165,418,200	181,858,200	181,858,200	(a) 40.08 (b) 40.48	73,546.84	7,354.68	80,901.52
41,370,100	7,931,800	101,500	153,229,700	168,458,300	168,458,300	(a) 40.65 (b) 42.73	71,384.47	7,138.45	78,522.92
34,756,600	6,670,200	89,500	132,978,700	146,194,700	146,194,700	(a) 34.95 (b) 41.93	58,105.32	5,810.53	63,915.85
37,301,300	7,767,400	105,100	130,109,800	143,106,600	143,106,600	(a) 41.52 (b) 42.82	60,629.93	6,062.99	66,692.92
34,293,400	5,934,300	78,100	113,108,700	124,349,900	124,349,900	(a) 40.70 (b) 42.95	52,117.52	5,211.75	57,329.27
37,666,900	7,335,800	122,500	134,901,400	148,308,500	148,308,500	(a) 41.05 (b) 40.98	60,790.23	6,079.02	66,869.25
43,409,700	8,369,500	150,800	166,067,800	182,572,300	182,572,300	(a) 46.02 (b) 41.61	77,776.89	7,777.69	85,554.58
39,550,600	9,345,500	192,400	177,952,900	195,638,600	195,638,600	(a) 49.39 (b) 42.11	85,167.58	8,516.76	93,684.34
35,245,300	9,262,200	226,700	187,566,900	206,208,100	206,208,100	(a) 50.40 (b) 44.99	95,878.37	9,587.84	105,466.21
4,473,400	97,934,500	1,719,000	1,978,335,800	2,174,951,300	2,174,951,300	.....	923,322.69	92,332.27	1,015,654.96

ired by the Northern Union Company in excess of the cu. ft. received by Central Union from N. A. Company.
' gas required by the Northern Union Company not exceeding the cu. ft. received by Cent. Union from N. A. Company.

NORTHERN U

Statement of gas transferred dur

Total Company requirements during the year (cu.

	Ordinary Meter Sales		Prepayment Meter Sales	Sales to Westchester Ltg. Co.	C
	Commercial	Municipal			
	156,194,000	1,705,400	61,987,600	9,508,600	
	146,200,800	1,553,100	51,470,100	9,356,300	
	116,347,800	1,331,100	52,569,500	8,186,000	
	111,029,600	1,048,400	44,952,300	8,266,900	
	102,810,200	1,016,100	41,370,100	7,931,800	
	90,657,400	805,000	34,756,600	6,670,200	
	84,247,100	848,900	37,201,300	7,767,400	
	72,076,800	726,100	34,293,400	5,934,300	
	88,881,900	894,300	37,666,900	7,335,800	
	113,187,600	950,200	43,409,700	8,369,500	
	117,626,800	1,237,600	49,550,600	9,345,500	
	121,696,300	1,136,400	55,245,300	9,262,200	
Total	1,320,956,300	13,252,600	544,473,400	97,934,500	1,

STANDARD

Statement of Gas transferred d

Total Company requirements during the year (c

	Ordinary Meter Sales		P. P. Meter Sales	Used by Company	
	Commercial	Municipal	Commercial		
	217,095,600	1,981,500	39,625,000	330,700	25
	224,690,700	1,366,800	27,570,000	240,500	25
	184,149,700	1,096,600	30,557,400	195,000	21
	168,276,800	747,900	30,356,600	219,300	19
	145,255,700	677,800	27,705,600	146,800	17
	130,741,700	617,300	24,794,500	115,100	15
	108,690,900	446,000	22,793,000	100,000	13
	101,550,100	430,300	22,574,300	114,900	12
	113,935,600	603,400	25,830,000	162,200	14
	148,287,700	723,500	30,580,000	256,400	17
	173,786,500	736,700	32,596,500	349,700	20
	181,408,400	841,500	32,674,200	365,000	21
tal	1,897,869,400	10,269,300	347,647,100	2,596,500	2,25

NORTHERN UNION GAS COMPANY

f gas transferred during each month of the calendar year 1918.

during the year (cu. ft.)				Received from Central Union Gas Company				
Sales to Westchester Ltg. Co.	Used by Company	Total	Total No. Union requirements (Including loss due to condensation leakage, etc. cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
9,508,600	240,900	229,636,500	252,458,800	252,458,800	42.87	$108,229.09	$10,822.91	$119,052.00
9,356,300	155,800	208,736,100	229,481,200	229,481,200	41.85	96,037.88	9,603.79	105,641.67
8,186,000	134,700	178,569,100	196,316,100	196,316,100	42.61	83,658.57	8,365.86	92,024.43
8,266,900	121,000	165,418,200	181,858,200	181,858,200	40.44	73,546.84	7,354.68	80,901.52
7,931,800	101,500	153,229,700	168,458,300	168,458,300	42.37	71,384.47	7,138.45	78,522.92
6,670,200	89,500	132,978,700	146,194,700	146,194,700	39.75	58,105.32	5,810.53	63,915.85
7,767,400	105,100	130,169,800	143,106,600	143,106,600	42.37	60,629.93	6,062.99	66,692.92
5,934,300	78,100	113,108,700	124,349,900	124,349,900	41.91	52,117.52	5,211.75	57,329.27
7,335,800	122,500	134,931,400	148,308,500	148,308,500	40.99	60,790.23	6,079.02	66,869.25
8,369,500	150,800	166,067,800	182,572,300	182,572,300	42.60	77,776.89	7,777.69	85,554.58
9,345,500	192,400	177,952,900	195,638,600	195,638,600	43.53	85,167.58	8,516.76	93,684.34
9,262,200	226,700	187,566,900	206,208,100	206,208,100	46.50	95,878.37	9,587.84	105,466.21
97,934,500	1,719,000	1,978,335,800	2,174,951,300	2,174,951,300	.....	923,322.69	92,332.27	1,015,654.96

STANDARD GAS LIGHT COMPANY.

' Gas transferred during each month of the calendar year 1918.

. during the year (cu. ft.)				Transferred to Consolidated Gas. Co. Received from Consolidated Gas Co.				
Used by Company	Total	Total Standard requirements. (Including loss due to condensation leakage, etc. cu. ft.	Send Out of gas made at Standard Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
330,700	259,032,800	284,089,500	314,506,000	30,206,500	37.02	$11,182.45	$1,118.24	$12,300.69
240,500	253,868,000	278,425,100	253,470,000	24,955,100	38.26	9,547.82	954.78	10,502.60
195,000	215,998,700	236,892,600	236,854,000	38,600	38.90	15.02	1.50	16.52
219,300	199,600,600	218,908,300	186,978,000	31,930,300	36.57	11,676.91	1,167.69	12,844.60
146,800	173,785,900	190,596,500	158,664,000	31,932,500	41.26	13,175.35	1,317.54	14,492.89
115,100	156,268,600	171,384,700	151,944,000	19,440,700	37.45	7,280.54	728.05	8,008.59
119,900	132,030,800	144,802,400	150,263,000	5,460,600	38.73	2,114.89	211.49	2,326.38
114,900	124,669,600	136,729,100	138,063,000	1,333,900	45.06	601.06	60.11	661.17
162,200	140,521,200	154,114,100	158,484,000	4,369,900	43.40	1,909.65	190.96	2,100.61
256,400	179,847,600	197,244,600	189,302,000	7,942,600	40.96	3,253.29	325.33	3,578.62
349,700	207,469,400	227,538,300	239,777,000	12,238,700	42.73	5,229.60	522.96	5,752.56
365,000	215,289,100	236,114,400	270,878,000	34,763,600	42.73	14,854.49	1,485.45	16,339.94
2,596,500	2,258,382,300	2,476,839,600	2,448,973,000	27,866,600	.....	9,056.79	905.68	9,962.47

THE N. Y. MUTUAL GAS LIGHT COMPANY

CORRECTED QUANTITY OF GAS DELIVERED TO THE CONSOLIDATED GAS CO. AND THE STANDARD GAS LIGHT CO., TOGETHER WITH THE RATE FOR M. CU. FT. AND AMOUNT CHARGED DURING EACH MONTH FROM JANUARY TO JUNE 1919 INCLUSIVE, AND THE AGGREGATE FOR THE PERIOD.

See statement attached showing the basis of the computations by which the volume of gas delivered to each of these Companies and the total delivered was determined.

To Consolidated Gas Company

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	152,158,200	52.42c	$79,761.33	$7,976.13	$87,737.46
February	104,313,400	53.71	56,026.73	5,602.67	61,629.40
2 Months	256,471,600	.....	135,788.06	13,578.80	149,366.86
March	111,744,200	54.73	61,157.60	6,115.76	67,273.36
3 Months	368,215,800	.....	196,945.66	19,694.56	216,640.22
April	107,807,500	47.27	50,960.61	5,096.06	56,056.67
4 Months	476,023,300	.....	247,906.27	24,790.62	272,696.89
May	136,307,800	46.37	63,205.93	6,320.59	69,526.52
5 Months	612,331,100	.....	311,112.20	31,111.21	342,223.41
June	132,596,600	41.25	54,696.10	5,469.61	60,165.71
6 Months	744,927,700	.....	365,808.30	36,580.82	402,389.12

To The Standard Gas Light Co.

January	.....	c	$.....	$.....	$.....
February	.....	.....	.....	.....	.....
2 Months	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....
3 Months	.....	.....	.....	.....	.....
April	26,213,200	47.27	12,390.98	1,239.10	13,630.08
4 Months	26,213,200	.....	12,390.98	1,239.10	13,630.08
May	12,797,800	46.37	5,934.34	593.43	6,527.77
5 Months	39,011,000	.....	18,325.32	1,832.53	20,157.85
June	.....	.....	.....	.....	.....
6 Months	39,011,000	.....	18,325.32	1,832.53	20,157.85
• • • • • • • • •					
Total—5 Months	651,342,100	.....	$329,437.52	$32,943.74	$362,381.26
June	132,596,600	.....	54,696.10	5,469.61	60,165.71
6 Months	783,938,700	.....	384,133.62	38,413.35	422,546.97
• • • • • • • • •					

Amounts charged the Consolidated Gas Co. for gas delivered during the 6 months to June 30, 1919, which are to be reversed as of June 30, 1919 in favor of the above. (The Mutual Co. did not deliver gas to the Standard Co. under the old arrangement.)

To Consolidated Gas Co.

	cu. ft.	Rate per M. c. f.	Amount	10%	Total
January	150,938,100	52.42c	$79,121.75	$7,912.18	$87,033.93
February	99,868,000	53.71	52,027.80	5,202.78	57,230.58
2 Months	247,806,100	.....	131,149.55	13,114.96	144,264.51
March	111,027,800	54.73	60,765.51	6,076.56	66,842.07
3 Months	358,833,900	.....	191,915.06	19,191.52	211,106.58
April	117,683,200	47.27	55,628.85	5,562.88	61,191.73
4 Months	476,517,100	.....	247,543.91	24,754.40	272,298.31
May	129,289,700	46.37	59,951.63	5,995.16	65,946.79
5 Months	605,806,800	.....	307,495.54	30,749.56	338,245.10
June	106,851,300	41.25	44,076.16	4,407.62	48,483.78
6 Months	712,658,100	.....	351,571.70	35,157.18	386,728.88

To The Standard Gas Light Co.

None

Total—5 Months	605,806,800	.....	$307,495.54	$30,749.56	$338,245.10
June	106,851,300	.....	44,076.16	4,407.62	48,483.78
6 Months	712,658,100	.....	351,571.70	35,157.18	386,728.88
Saving to Mutual Co.					
5 Months	45,535,300	.....	$21,941.98	$2,194.18	$24,136.16
June	25,745,300	.....	10,619.94	1,061.99	11,681.93
6 Months	71,280,600	.....	32,561.92	3,256.17	35,818.09

DEFENDANT'S EXHIBIT AA39.

STATEMENTS
IN RE
GAS TRANSFERRED BETWEEN
THE CONSOLIDATED GAS COMPANY
AND AFFILIATED GAS COMPANIES
DURING THE CALENDAR YEAR
1918

Schedule (A)

GAS SOLD, USED AND UNACCOUNTED-FOR IN MANHATTAN, BRONX AND LONG ISLAND CITY DURING THE CALENDAR YEAR 1918.

	Average Active Mains in the ground during the calendar year 1918.		Total Gas Accounted-for, cu. ft.				Due to condensation, etc., 3% of the total to be accounted for, divided among the Cos. on basis of Ratio (d)	Due to other causes divided among the Cos. on the basis of Ratio (c)	Total to be accounted for	Loss or Unaccounted-for	
	Miles	Ratio (c)	Sales to Consumers	Used by Company	Total	Ratio (d)			cu. ft.	cu. ft.	%
ated (Incl. Astoria Co.)	(a)821.90	43.9905	(a)18,110,330,206	(a)75,622,200	(a)18,185,952,400	59.4539	587,130,700	590,398,900	19,363,482,000	1,177,529,600	6.08
sterdam and E. R. Companies	337.94	18.0875	3,610,430,000	12,652,800	3,623,082,800	11.8447	116,971,100	242,753,300	3,982,807,200	359,724,400	9.03
Union Gas Company	160.56	8.5936	2,841,117,000	4,853,800	2,845,970,800	9.3041	91,881,600	115,335,200	3,053,187,600	207,216,800	6.79
Union Gas Company	175.54	9.3954	(b)1,878,682,300	1,719,000	(b)1,880,401,300	6.1474	60,708,000	126,096,200	2,067,205,500	186,804,200	9.04
Gas Light Company	202.67	10.8475	2,255,785,800	2,596,500	2,258,382,300	7.3831	72,911,000	145,584,900	2,476,878,200	218,495,900	8.82
tual Gas Light Company	169.75	9.0855	1,789,011,500	5,534,900	1,794,546,400	5.8668	57,937,000	121,937,000	1,974,420,400	179,874,000	9.11
	1,868.36	100.0000	(a & b)30,485,356,800	(a)102,979,200	(a & b)30,588,336,000	100.0000	987,539,400	1,342,105,500	(a & b)32,917,980,900	(b)2,329,644,900	7.08
nd Northern Union Average	336.10	17.9890	(b)4,719,799,300	6,572,800	(b)4,726,372,100	15.4515	152,589,600	241,431,400	(b)5,120,393,100	(b)394,021,000	7.70
Includes Astoria Company	.70	.....	81,085,200	8,194,400	89,279,600	.....	.....	.....	89,279,600	.....	....
Includes Gas to Westchester Company	.....	.....	97,934,500	.....	97,934,500	.....	.....	.....	108,816,100	10,881,600	10.00

NEW AMSTERDAM GAS COMPANY.

Statement of Gas transferred during each month of the calendar year 1918.

	Total Company requirements during the year (cu. ft.)									Transferred to Consolidated Gas Co. Received from Consolidated Gas Company.				
	Ordinary Meter Sales		P. P. Meter Sales			Total New Amst. requirements. (Including loss due to condensation, leakage, etc. cu. ft.	Central Union Company requirements. from New Amst. Co. cu. ft.	Total Requirements cu. ft.	Send Out of gas made at New Amst. Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
	Commercial	Municipal	Commercial	Used by Company	Total									
.....	356,039,100	5,147,000	49,165,500	1,351,300	411,702,900	452,570,000	265,569,300	718,139,300	753,155,000	35,015,700	42.38	14,839.65	$1,483.97	$16,323.62
.....	343,955,700	4,025,100	40,902,500	1,084,600	389,967,900	428,677,500	253,464,900	682,142,400	636,357,000	45,785,400	41.33	18,923.11	1,892.31	20,815.42
.....	306,088,100	3,827,000	41,948,800	1,052,700	352,916,600	387,948,300	152,281,500	540,229,800	576,116,000	35,886,200	41.54	14,907.13	1,490.71	16,397.84
.....	268,936,100	2,982,800	39,807,800	1,018,100	312,744,800	343,788,900	164,518,800	508,307,700	485,997,000	22,310,700	39.90	8,901.97	890.20	9,792.17
.....	244,114,100	2,962,500	34,748,200	882,400	282,707,200	310,769,700	139,719,600	450,489,300	418,593,000	31,896,300	42.19	13,457.05	1,345.70	14,802.75
.....	219,164,700	2,752,700	30,811,400	784,700	253,513,500	278,678,100	100,433,800	379,111,900	332,312,000	46,799,900	41.25	19,304.96	1,930.50	21,235.46
.....	200,020,300	2,753,500	29,297,600	901,400	232,972,800	256,098,500	93,235,700	349,334,200	345,165,000	4,169,200	42.02	1,751.90	175.19	1,927.09
.....	183,958,800	2,285,200	27,240,300	1,008,700	214,493,000	235,784,300	66,982,600	302,766,900	375,223,000	72,456,100	42.18	30,561.98	3,056.20	33,618.18
.....	193,598,100	2,984,300	30,435,100	1,024,400	228,041,900	250,678,100	129,147,300	379,825,400	508,014,000	128,188,600	40.43	51,826.65	5,182.66	57,009.31
.....	239,173,200	3,495,400	35,290,800	1,112,300	279,071,700	306,773,300	141,561,800	448,335,100	560,641,000	112,305,900	41.03	46,079.11	4,607.91	50,687.02
.....	277,865,800	3,760,600	37,830,500	1,158,300	320,615,200	352,440,600	157,394,500	509,835,100	598,959,000	89,123,900	41.66	37,129.02	3,712.90	40,841.92
.....	297,273,100	3,721,400	42,066,900	1,273,900	344,335,300	378,515,200	148,807,900	527,323,100	610,236,000	82,912,900	44.44	36,846.49	3,684.65	40,531.14
.....	3,130,187,100	40,697,500	439,545,400	12,652,800	3,623,082,800	3,982,722,500	1,813,117,700	5,795,840,200	6,200,768,000	404,927,800	.....	$169,851.04	$16,985.10	$186,836.14

CENTRAL UNION GAS COMPANY.

Statement of gas transferred during each month of the calendar year 1918.

	Total Company requirements during the year (cu. ft.)							Received from the New Amsterdam Gas Company.				
	Sales through ordinary and prepayment meters		Used by Company		Total	Total Central Union requirements (Including loss due to condensation leakage, etc.) cu. ft.	Sent Out of gas made at Central Union Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
	Central Union	Northern Union	Central Union	Northern Union								
.....	324,542,100	229,395,600	603,800	240,900	554,782,400	601,064,300	335,495,000	265,569,300	42.87	$113,849.56	$11,384.96	$125,234.52
.....	288,246,500	208,580,300	470,900	155,800	497,453,500	538,952,900	285,488,000	253,464,900	41.85	106,075.06	10,607.50	116,682.56
.....	269,975,700	178,434,400	458,200	134,700	449,003,000	486,460,500	334,179,000	152,281,500	42.04	64,019.14	6,401.91	70,421.05
.....	249,108,000	165,297,200	364,000	121,000	414,890,200	449,501,800	284,983,000	164,518,800	40.48	66,597.21	6,659.72	73,256.93
.....	216,565,400	153,128,200	365,400	101,500	370,160,500	401,040,600	261,321,000	139,719,600	42.73	59,702.19	5,970.22	65,672.41
.....	193,051,600	132,889,200	305,400	89,500	326,335,700	363,559,800	253,126,000	100,433,800	41.93	42,111.89	4,211.19	46,323.08
.....	190,232,500	130,064,700	247,600	105,100	320,649,900	347,399,700	254,164,000	93,235,700	42.82	39,923.53	3,992.35	43,915.88
.....	168,810,200	113,030,600	252,000	78,100	282,170,900	305,710,600	238,728,000	66,982,600	42.95	28,769.03	2,876.90	31,645.93
.....	200,092,300	134,778,900	340,800	122,500	335,334,500	363,309,300	234,162,000	129,147,300	40.98	52,924.56	5,292.46	58,217.02
.....	228,242,700	165,917,000	406,600	150,800	394,717,100	427,645,800	286,084,000	141,561,800	41.61	58,903.86	5,890.39	64,794.25
.....	246,054,600	177,760,500	524,000	192,400	424,531,500	459,947,500	302,553,000	157,394,500	42.11	66,278.82	6,627.88	72,906.70
.....	266,195,400	187,340,200	515,100	226,700	454,277,400	482,174,900	343,367,000	148,807,900	44.99	66,948.67	6,694.87	73,643.54
	2,841,117,000	1,976,616,800	4,853,800	1,719,000	4,824,306,600	5,226,767,700	3,413,650,000	1,813,117,700		$766,103.52	$76,610.35	$842,713.87

CENTRAL UNION GAS COMPANY

Statement of gas transferred to the Northern Union Gas Company during each month of the calendar year 1918.

	Total Northern Union requirements during the year (cu. ft.)							Transferred to Northern Union Gas Company				
	Ordinary Meter Sales		Prepayment Meter Sales	Sales to Westchester Ltg. Co.	Used by Company	Total	Total No. Union requirements (including loss due to condensation leakage, etc.) cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
	Commercial	Municipal										
.....	156,194,000	1,705,400	61,987,600	9,508,600	240,900	229,636,500	252,458,800	252,458,800	(b) 42.87	$108,229.09	$10,822.91	$119,052.00
.....	146,200,800	1,553,100	51,470,100	9,356,300	155,800	208,736,100	229,481,200	229,481,200	(b) 41.85	96,037.88	9,603.79	105,641.67
.....	116,347,800	1,331,100	52,569,500	8,186,000	134,700	178,569,100	196,316,100	196,316,100	(a) 44.60 (b) 42.04	83,658.57	8,365.86	92,024.43
.....	111,029,600	1,048,400	44,952,300	8,266,900	121,000	165,418,200	181,858,200	181,858,200	(a) 40.08 (b) 40.48	73,546.84	7,354.68	80,901.52
.....	102,810,200	1,016,100	41,370,100	7,931,800	101,500	153,229,700	168,458,300	168,458,300	(a) 40.65 (b) 42.73	71,384.47	7,138.45	78,522.92
.....	90,657,400	805,000	34,756,600	6,670,200	89,500	132,978,700	146,194,700	146,194,700	(a) 34.95 (b) 41.93	58,105.32	5,810.53	63,915.85
.....	84,247,100	848,900	37,201,300	7,767,400	105,100	130,169,800	143,106,600	143,106,600	(a) 41.52 (b) 42.82	60,629.93	6,062.99	66,692.92
.....	72,076,800	726,100	34,293,400	5,934,300	78,100	113,108,700	124,349,900	124,349,900	(a) 40.70 (b) 42.95	52,117.52	5,211.75	57,329.27
.....	88,881,900	894,300	37,666,900	7,335,800	122,500	134,901,400	148,308,500	148,308,500	(a) 41.05 (b) 40.98	60,790.23	6,079.02	66,869.25
.....	113,187,600	950,200	43,409,700	8,369,500	150,800	166,067,800	182,572,300	182,572,300	(a) 46.02 (b) 41.61	77,776.89	7,777.69	85,554.58
.....	117,626,800	1,237,600	49,550,600	9,345,500	192,400	177,952,900	195,638,600	195,638,600	(a) 49.39 (b) 42.11	85,167.58	8,516.76	93,684.34
.....	121,696,300	1,136,400	55,245,300	9,262,200	226,700	187,566,900	206,208,100	206,208,100	(a) 50.40 (b) 44.99	95,878.37	9,587.84	105,466.21
.....	1,320,956,300	13,252,600	544,473,400	97,934,500	1,719,000	1,978,335,800	2,174,951,300	2,174,951,300	.....	923,322.69	92,332.27	1,015,654.96

(a) Central Union cost for the cu. ft. required by the Northern Union Company in excess of the cu. ft. received by Central Union from N. A. Company.
(b) New Amsterdam cost for the cu. ft. of gas required by the Northern Union Company not exceeding the cu. ft. received by Cent. Union from N. A. Company.

NORTHERN UNION GAS COMPANY

Statement of gas transferred during each month of the calendar year 1918.

Total Company requirements during the year (cu. ft.)							Received from Central Union Gas Company				
Ordinary Meter Sales		Prepayment Meter Sales	Sales to Westchester Ltg. Co.	Used by Company	Total	Total No. Union requirements (Including loss due to condensation leakage, etc. cu. ft.	cu. ft	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
Commercial	Municipal										
156,194,000	1,705,400	61,987,600	9,508,600	240,900	229,636,500	252,458,800	252,458,800	42.87	$108,229.09	$10,822.91	$119,052.00
146,200,800	1,553,100	51,470,100	9,356,300	155,800	208,736,100	229,481,200	229,481,200	41.85	96,037.88	9,603.79	105,641.67
116,347,800	1,331,100	52,569,500	8,186,000	134,700	178,569,100	196,316,100	196,316,100	42.61	83,658.57	8,365.86	92,024.43
111,029,600	1,048,400	44,952,300	8,266,900	121,000	165,418,200	181,858,200	181,858,200	40.44	73,546.84	7,354.68	80,901.52
102,810,200	1,016,100	41,370,100	7,931,800	101,500	153,229,700	168,458,300	168,458,300	42.37	71,384.47	7,138.45	78,522.92
90,657,400	805,000	34,756,000	6,670,200	89,500	132,978,700	146,194,700	146,194,700	39.75	58,105.32	5,810.53	63,915.85
84,247,100	848,900	37,201,300	7,767,400	105,100	130,169,800	143,106,600	143,106,600	42.37	60,629.93	6,062.99	66,692.92
72,076,800	726,100	34,293,400	5,934,300	78,100	113,108,700	124,349,900	124,349,900	41.91	52,117.52	5,211.75	57,329.27
88,881,900	894,300	37,666,900	7,335,800	122,500	134,931,400	148,308,500	148,308,500	40.99	60,790.23	6,079.02	66,869.25
113,187,600	950,200	43,409,700	8,369,500	150,800	166,067,800	182,572,300	182,572,300	42.60	77,776.89	7,777.69	85,554.58
117,626,800	1,237,600	49,550,600	9,345,500	192,400	177,952,900	195,638,600	195,638,600	43.53	85,167.58	8,516.76	93,684.34
121,696,300	1,136,400	55,245,300	9,262,200	226,700	187,566,900	206,208,100	206,208,100	46.50	95,878.37	9,587.84	105,466.21
1,320,956,300	13,252,600	544,473,400	97,934,500	1,719,000	1,978,335,800	2,174,951,300	2,174,951,300	.....	923,322.69	92,332.27	1,015,654.96

STANDARD GAS LIGHT COMPANY.

Statement of Gas transferred during each month of the calendar year 1918.

Total Company requirements during the year (cu. ft.)							Transferred to Consolidated Gas. Co. Received from Consolidated Gas Co.				
Ordinary Meter Sales		P. P. Meter Sales	Used by Company	Total	Total Standard requirements. (Including loss due to condensation leakage, etc. cu. ft.	Send Out of gas made at Standard Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
Commercial	Municipal	Commercial									
217,095,600	1,981,500	39,625,000	330,700	259,032,800	284,089,500	314,296,000	30,206,500	37.02	$11,182.45	$1,118.24	$12,300.69
224,690,700	1,366,800	27,570,000	240,500	253,868,000	278,425,100	253,470,000	24,955,100	38.26	9,547.82	954.78	10,502.60
184,149,700	1,096,600	30,557,400	195,000	215,998,700	236,892,600	236,854,000	38,600	38.90	15.02	1.50	16.52
168,276,800	747,900	30,356,000	219,300	199,600,600	218,908,300	186,978,000	31,930,300	36.57	11,676.91	1,167.69	12,844.60
145,255,700	677,800	27,705,000	146,800	173,785,900	190,596,500	158,664,000	31,932,500	41.26	13,175.35	1,317.54	14,492.89
130,741,700	617,300	24,794,500	115,100	156,268,600	171,384,700	151,944,000	19,440,700	37.45	7,280.54	728.05	8,008.59
108,690,900	446,000	22,793,000	100,900	132,030,800	144,802,400	150,263,000	5,460,600	38.73	2,114.89	211.49	2,326.38
101,550,100	430,300	22,574,300	114,900	124,669,600	136,729,100	138,063,000	1,333,900	45.06	601.06	60.11	661.17
113,935,600	603,400	25,830,000	162,200	140,521,200	154,114,100	158,484,000	4,369,900	43.40	1,909.65	190.96	2,100.61
148,287,700	723,500	30,580,000	256,400	179,847,600	197,244,600	189,302,000	7,942,600	40.96	3,253.29	325.33	3,578.62
173,786,500	736,700	32,596,500	349,700	207,469,400	227,538,300	239,777,000	12,238,700	42.73	5,229.60	522.96	5,752.56
181,408,400	841,500	32,674,200	365,000	215,289,100	236,114,400	270,878,000	34,763,600	42.73	14,854.49	1,485.45	16,339.94
1,897,869,400	10,269,300	347,647,100	2,596,500	2,258,382,300	2,476,839,600	2,448,973,000	27,866,600	.....	9,056.79	905.68	9,962.47

NEW YORK MUTUAL GAS LIGHT COMPANY

Statement of Gas transferred during each month of the calendar year 1918.

	Total Company requirements during the year (cu. ft.)							Transferred to Consolidated Gas. Co.				
	Ordinary Meter Sales		P. P. Meter Sales	Used by Company	Total	Mutual requirements. (Including loss due to condensation leakage. etc. cu. ft.	Send Out of gas made at Mutual Plant cu. ft.	cu. ft.	Rate of money payment (In ¢ per "M")	Amount ($)	+10%	Total Money Payment
	Commercial	Municipal	Commercial									
.....	185,507,400	1,398,600	11,908,000	495,800	199,309,800	219,286,800	357,219,000	137,932,200	40.90	$56,414.27	$5,641.43	$62,055.70
.....	179,925,300	1,012,400	9,937,400	439,100	191,314,200	210,489,800	301,954,000	91,364,200	40.76	37,240.05	3,724.00	40,964.05
.....	174,662,800	977,000	11,932,400	478,000	188,050,200	206,898,700	314,029,000	107,130,300	41.36	44,309.09	4,430.91	48,740.00
.....	150,849,000	796,600	9,196,800	412,800	161,255,200	177,418,000	279,730,000	102,312,000	45.31	46,357.57	4,635.76	50,993.33
.....	130,177,800	713,600	7,504,300	425,300	138,821,000	152,735,200	268,630,000	115,894,800	41.05	47,574.82	4,757.48	52,332.30
.....	119,264,000	580,600	7,771,200	409,500	128,025,300	140,857,400	247,298,000	106,440,600	40.60	43,214.88	4,321.49	47,536.37
.....	107,383,200	366,600	7,274,000	396,700	115,420,500	126,989,200	208,089,000	81,099,800	42.32	34,321.44	3,432.14	37,753.58
.....	99,545,700	287,800	6,021,200	407,100	106,261,800	116,912,500	202,974,000	86,061,500	44.87	38,615.80	3,615.80	42,477.38
.....	103,580,800	610,200	7,225,200	381,900	111,798,100	123,003,700	225,380,000	102,376,300	45.18	46,253.61	4,625.36	50,878.97
.....	119,776,800	811,000	8,104,300	457,200	129,149,300	142,094,100	260,673,000	118,578,900	46.41	55,032.47	5,503.25	60,535.72
.....	138,667,000	835,200	9,678,100	566,400	149,746,700	164,756,000	283,209,000	118,453,000	45.82	54,275.16	5,427.52	59,702.68
.....	163,096,700	842,200	10,790,300	665,100	175,394,300	192,974,300	303,135,000	110,160,700	49.60	54,639.71	5,463.97	60,103.68
.....	1,672,436,500	9,231,800	107,343,200	5,534,900	1,794,546,400	1,974,415,700	3,252,220,000	1,277,804,300	.....	$558,248.87	$55,824.89	$614,073.76

CONSOLIDATED GAS COMPANY

Detailed statement of gas transferred between the Consolidated Gas Company and other Companies in 1918.

Memorandum—Results based on 1919 distribution of United Station, etc.

	Average Miles of active mains in the ground during the year.			Total Gas Sold and Used during the year (cu. ft.)				Loss in cubic feet			
	Miles	% of total "A"	Station Send Out of each Company, cu. ft.	Sales to Consumers	Used by Company	Total	% of total "B"	Loss due to condensation, etc. (3% of total Station Send Out) divided among the Companies on basis of "B"	Loss due to other causes divided among the Companies on basis of "A"	Requirements of each Company, cu. ft.	Debtor Companies in black. Creditor Companies in red.
Gas Company	821.20	43.97	*17,621,906,400	18,029,245,000	67,427,800	18,096,672,800	59.15	584,476,200	594,650,700	19,275,799,700	1,653,893,300
Gas Company	337.94	18.09	6,200,768,000	3,610,430,000	12,652,800	3,623,082,800	11.84	116,994,100	244,649,300	3,984,726,200	2,216,041,800
Gas Company	336.10	18.00	3,413,650,000	4,817,733,800	6,572,800	4,824,306,600	15.77	155,827,400	243,432,200	5,223,566,200	1,809,916,200
Light Company	202.67	10.85	2,448,973,000	2,255,785,800	2,596,500	2,258,382,300	7.38	72,923,700	146,735,500	2,478,041,500	29,068,500
Gas Lt. Company	169.75	9.09	3,252,220,000	1,789,011,500	5,534,900	1,794,546,400	5.86	57,904,100	122,933,300	1,975,383,800	1,276,836,200
.....	1,867.66	100.00	32,937,517,400	30,502,206,100	94,784,800	30,596,990,900	100.00	988,125,500	1,352,401,000	32,937,517,400	.....

* gas purchased from The Astoria Light, Heat and Power Company—9,645,584,400 cu. ft.

CONSOLIDATED GAS COMPANY No. 2.

Detailed Statement of Gas Transferred Between the Consolidated Gas Company and Other Companies in 1918.

	Debtor Companies in Black—Creditor Companies in Red—cu. ft.	Basis of Payment—Settlement 12/31/18. Debtor Companies in Black—Creditor Companies in Red. cu. ft.	Variation	
			cu. ft.	Percent
Consolidated Gas Company....	1,653,893,300	1,654,865,500	972,200	0.06
New Amsterdam Gas Company.	2,216,041,800	2,218,045,500	2,003,700	0.09
Central Union Gas Company....	1,809,916,200	1,813,117,700	3,201,500	0.18
Standard Gas Light Company...	29,068,500	27,866,600	1,201,900	4.31
N. Y. Mutual Gas Lt. Company..	1,276,836,200	1,277,804,300	968,100	0.08
Total	.....	.....	.....	.....

CONSOLIDATED GAS COMPANY OF NEW YORK.

...ntities of gas exchanged between the Consolidated Gas Company and affiliated gas companies (excluding gas received from the Astoria Company which ...not subject to adjustment) together with the rates per "m" cu. ft. and amounts charged during each month of the year and aggregate for the year 1918 as ...mined and shown in the adjustment effected December 31st, 1918.

	New Amsterdam Gas Company					Standard Gas Light Company				
	cu. ft.	Rate per "M"	Amount	10%	Total	cu.ft.	Rate per "M"	Amount	10%	Total
.....	35,015,700	42.38¢	$14,839.65	$1,483.97	$16,323.62	30,206,500	37.02¢	$11,182.45	$1,118.24	$12,300.69
.....	45,785,400	41.33	18,923.11	1,892.31	20,815.42	24,955,100	38.26	9,547.82	954.78	10,502.60
.....	35,886,200	41.54	14,907.13	1,490.71	16,397.84	38,600	38.90	15.02	1.50	16.52
.....	22,310,700	39.90	8,901.97	890.20	9,792.17	31,930,300	36.57	11,676.91	1,167.69	12,844.60
.....	31,896,300	42.19	13,457.05	1,345.70	14,802.75	31,932,500	41.26	13,175.35	1,317.54	14,492.89
.....	46,799,900	41.25	19,304.96	1,930.50	21,235.46	19,440,700	37.45	7,280.54	728.05	8,008.59
.....	4,169,200	42.02	1,751.90	175.19	1,927.09	5,460,600	38.73	2,114.89	211.49	2,326.38
.....	72,456,100	42.18	30,561.98	3,056.20	33,618.18	1,333,900	45.06	601.06	60.11	661.17
.....	128,188,600	40.43	51,826.65	5,182.66	57,009.31	4,369,900	43.70	1,909.65	190.96	2,100.61
.....	112,305,900	41.03	46,079.11	4,607.91	50,687.02	7,942,600	40.96	3,253.29	325.33	3,578.62
.....	89,123,900	41.66	37,129.02	3,712.90	40,841.92	12,238,700	42.73	5,229.60	522.96	5,752.56
.....	82,912,900	44.44	36,846.49	3,684.65	40,531.14	34,763,600	42.73	14,854.49	1,485.45	16,339.94
.....	404,927,800	.....	169,851.04	16,985.10	186,836.14	27,866,600	.....	9,056.79	905.68	9,962.47
...ess of cancellations over cor-...ies and amounts	147,407,100	.....	$61,550.05	$6,155.03	$67,705.38	39,677,200	.....	$14,308.63	$1,430.85	$15,739.48

	New York Mutual Gas Light Company					Net Total (Not including gas received from Astoria Co.)				
	cu. ft.	Rate per "M"	Amount	10%	Total	cu.	.....	Amount	10%	Total
.....	137,932,200	40.90	$56,414.27	$5,641.43	$62,055.70	203,154,400	.....	$82,436.37	$8,243.64	$90,680.01
.....	91,364,200	40.76	37,240.05	3,724.00	40,964.05	20,623,700	.....	8,769.12	876.91	9,646.03
.....	107,130,300	41.36	44,309.09	4,430.91	48,740.00	142,977,900	.....	59,201.20	5,920.12	65,121.32
.....	102,312,000	45.31	46,357.57	4,635.76	50,993.33	48,071,000	.....	25,778.69	2,577.87	28,356.56
.....	115,894,800	41.05	47,574.82	4,757.48	52,332.30	52,066,000	.....	20,942.42	2,094.24	23,036.66
.....	106,440,600	40.60	43,214.88	4,321.49	47,536.37	40,200,000	.....	16,629.38	1,662.94	18,292.32
.....	81,099,800	42.32	34,321.44	3,432.14	37,753.58	82,391,200	.....	34,684.43	3,468.44	38,152.87
.....	86,061,500	44.87	38,615.80	3,861.58	42,477.38	159,851,500	.....	69,778.84	6,977.89	76,756.73
.....	102,376,300	45.18	46,253.61	4,625.36	50,878.97	234,934,800	.....	99,989.91	9,998.98	109,988.89
.....	118,578,900	46.41	55,032.47	5,503.25	60,535.72	222,942,200	.....	97,858.29	9,785.83	107,644.12
.....	118,453,000	45.82	54,275.16	5,427.52	59,702.68	219,815,600	.....	96,633.78	9,663.38	106,297.16
.....	110,160,700	49.60	54,639.71	5,463.97	60,103.68	227,837,200	.....	106,340.69	10,634.07	116,974.76
.....	1,277,804,300	.....	558,248.87	55,824.89	614,073.76	1,654,865,500	.....	719,043.12	71,904.31	790,947.43
...s of cancellations over cor-...s and amounts	11,908,200	.....	$5,244.42	$524.45	$5,768.87	198,992,500	.....	$81,103.40	$8,110.33	$89,213.73

Company	
Use of g. Plant & 10%	Total
6,268.86	$6,268.86
5,641.43	62,055.70
6,268.86	6,268.86
3,724.00	40,964.05
6,268.86	6,268.86
4,430.91	48,740.00
6,268.86	6,268.86
4,635.76	50,993.33
6,268.86	6,268.86
4,757.48	52,332.30
6,268.86	6,268.86
4,321.49	47,536.37
6,268.86	6,268.86
3,432.14	37,753.58
6,268.86	6,268.86
3,861.58	42,477.38
6,268.86	6,268.86
4,625.36	50,878.97
6,268.86	6,268.86
5,503.25	60,535.72
6,268.89	6,268.89
5,427.52	59,702.68
6,268.86	6,268.86
5,463.97	60,103.68
5,226.35	75,226.35
5,824.89	614,073.76

Dated

...nsions, ...s Mak- ...e 12.—

Valua- .../19/19. ...s cor- ...hecked ...t. and .../16/19.

CONSOLIDATED GAS COMPANY OF NEW YORK.

Quantities of gas exchanged between the Consolidated Gas Company and affiliated gas Companies (excluding that from the Astoria Light Heat & Power Co.,) together with the amount charged for same during each month of the year and aggregate for the year 1918., all of which were cancelled as of December 31st, 1918., in favor of settlement hereinafter—(The gas received from the Astoria Company and the amounts paid for same were not included in settlement)

	New Amsterdam Gas Company				Standard Gas Light Company			
	cu. ft.	Amount	10%	Total	cu. ft.	Amount	10%	Total
.....	51,445,500	$18,885.60	$1,888.56	$20,774.16	34,530,200	$12,448.14	$1,244.81	$13,692.95
.....	29,866,500	9,066.79	906.68	9,973.47	19,831,600	7,849.35	784.93	8,634.28
.....	50,896,900	19,190.67	1,919.07	21,109.74	3,536,000	1,360.30	136.03	1,496.33
.....	9,921,500	3,607.56	360.76	3,968.32	28,334,500	11,404.64	1,140.46	12,545.10
.....	19,580,200	7,026.51	702.65	7,729.16	28,592,900	11,617.29	1,161.73	12,779.02
.....	36,483,900	15,575.90	1,557.59	17,133.49	15,971,900	6,749.72	674.97	7,424.69
.....	5,098,700	2,269.94	226.99	2,496.93	8,590,900	3,690.65	369.06	4,059.71
.....	81,201,500	36,110.31	3,611.03	39,721.34	4,239,600	1,879.84	187.98	2,067.82
.....	137,427,300	59,148.71	5,914.87	65,063.58	3,867,500	2,109.32	210.93	2,320.25
.....	123,944,700	54,176.23	5,417.62	59,593.85	4,878,500	2,013.80	201.38	2,215.18
.....	101,015,400	33,720.12	3,372.01	37,092.13	16,509,100	6,980.05	698.00	7,678.05
.....	97,157,000	43,176.57	4,317.66	47,494.23	38,146,700	16,418.34	1,641.83	18,060.18
.....	552,334,900	231,401.39	23,140.13	254,541.52	11,810,600	5,251.84	525.17	5,777.01

	New York Mutual Gas Light Company				Net Total (not including gas received from Astoria Co.)			
	cu. ft.	Amount	10%	Total	cu. ft.	Amount	10%	Total
.....	139,726,700	$57,148.22	$5,714.82	$62,863.04	225,702,400	$88,481.96	$8,848.19	$97,330.15
.....	91,737,500	37,392.21	3,739.22	41,131.43	42,039,400	20,476.07	2,047.61	22,523.68
.....	108,168,900	44,738.66	4,473.86	49,212.52	162,601,800	65,289.63	6,528.96	71,818.59
.....	103,815,500	47,038.80	4,703.88	51,742.68	65,559,500	32,026.60	3,202.66	35,229.26
.....	115,069,100	47,646.37	4,764.64	52,411.01	67,896,000	29,002.57	2,900.26	31,902.83
.....	107,452,100	46,247.38	4,624.74	50,873.12	54,996,300	23,921.76	2,392.18	26,313.94
.....	82,111,300	37,278.53	3,727.85	41,006.38	95,800,900	43,239.12	4,323.90	47,563.02
.....	86,809,000	41,312.40	4,131.24	45,443.64	172,250,100	79,302.55	7,930.25	87,232.80
.....	103,335,900	39,175.10	3,917.52	43,092.62	244,630,700	100,433.13	10,043.32	110,476.45
.....	119,347,500	55,389.17	5,538.92	60,928.09	238,413,700	107,551.60	10,755.16	118,306.76
.....	119,537,000	54,771.86	5,477.19	60,249.05	237,061,500	95,472.03	9,547.20	105,019.23
.....	111,602,000	55,354.59	5,535.46	60,890.05	246,905,700	114,949.50	11,494.95	126,444.45
.....	1,289,712,500	563,493.29	56,349.34	619,842.63	1,853,858,000	800,146.52	80,014.64	880,161.16

CONSOLIDATED GAS COMPANY OF NEW YORK

Statement of gas transferred in cubic feet together with the rate per "M" cu. ft. and amount charged during each month of the year and aggregate for the year 1918—(the amounts shown for the New Amsterdam, Standard and Mutual Cos., are the amounts applicable to each month included in the corrected figures as adjusted December 31, 1918.

	New Amsterdam Gas Company					Standard Gas Light Company					New York Mutual Gas Light Company				
	Cu. ft.	Rate per "M"	Amount	10%	Total	Cu. ft	Rate per "M"	Amount	10%	Total	Cu. Ft.	Rate per "M"	Amount	Use of Mfg. Plant & 10%	Total
.....	35,015,700	42.38¢	$14,839.65	$1,483.97	$16,323.62	30,206,500	37.02¢	$11,182.45	$1,118.24	$12,300.69	137,932,200	40.90¢	$56,414.27	{ $6,268.86 5,641.43	$6,268.86 62,055.70
.....	45,785,400	41.33	18,923.11	1,892.31	20,815.42	24,955,100	38.26	9,547.82	954.78	10,502.60	91,364,200	40.76	37,240.05	{ 6,268.86 3,724.00	6,268.86 40,964.05
.....	35,886,200	41.54	14,907.13	1,490.71	16,397.84	38,600	38.90	15.02	1.50	16.52	107,130,300	41.36	44,309.09	{ 6,268.86 4,430.91	6,268.86 48,740.00
.....	22,310,700	39.90	8,901.97	890.20	9,792.17	31,930,300	36.57	11,676.91	1,167.69	12,844.60	102,312,000	45.31	46,357.57	{ 6,268.86 4,635.76	6,268.86 50,993.33
.....	31,896,300	42.19	13,457.05	1,345.70	14,802.75	31,932,500	41.26	13,175.35	1,317.54	14,492.89	115,894,800	41.05	47,574.82	{ 6,268.86 4,757.48	6,268.86 52,332.30
.....	46,799,900	41.25	19,304.96	1,930.50	21,235.46	19,440,700	37.45	7,280.54	728.05	8,008.59	106,440,600	40.60	43,214.88	{ 6,268.86 4,321.49	6,268.86 47,536.37
.....	4,369,200	42.02	1,751.90	175.19	1,927.09	5,460,600	38.73	2,114.89	211.49	2,326.38	81,099,800	42.32	34,321.44	{ 6,268.86 3,432.14	6,268.86 37,753.58
.....	72,456,100	42.18	30,561.98	3,056.20	33,618.18	1,333,900	45.06	601.06	60.11	661.17	86,061,500	44.87	38,615.80	{ 6,268.86 3,861.58	6,268.86 42,477.38
.....	128,188,600	40.43	51,825.65	5,182.66	57,009.31	4,369,900	43.70	1,909.65	190.96	2,100.61	102,376,300	45.18	46,253.61	{ 6,268.86 4,625.36	6,268.86 50,878.97
.....	112,305,900	41.03	46,079.11	4,607.91	50,687.02	7,942,600	40.96	3,253.29	325.33	3,578.62	118,578,900	46.41	55,032.47	{ 6,268.86 5,503.25	6,268.86 60,535.72
.....	89,123,900	41.66	37,129.02	3,712.90	40,841.92	12,238,700	42.73	5,229.60	522.96	5,752.56	118,453,000	45.82	54,275.16	{ 6,268.89 5,427.52	6,268.89 59,702.68
.....	82,912,900	44.44	36,846.49	3,684.65	40,531.14	34,763,600	42.73	14,854.49	1,485.45	16,339.94	110,160,700	49.60	54,639.71	{ 6,268.86 5,463.97	6,268.86 60,103.68
.....	404,927,800	.....	169,851.04	16,985.10	186,836.14	27,866,600	.....	9,056.79	905.68	9,962.47	1,277,804,300	.....	558,248.87	{ 75,226.35 55,824.89	75,226.35 614,073.76

	Astoria Light, Heat and Power Company.					Net Total Gas Exchanged				
	Cu. ft.	Rate per "M"	Amount	Interest on Investment	Total	Cu. ft.	per "M"	Amount	Interest on Investment Plant & 10%	Total
January	1,150,622,900	42.30¢	$486,713.11	$97,687.80	$584,400.91	1,353,776,400	42.04¢	$569,149.48	$112,200.30	$681,349.78
February	977,008,500	46.33	452,675.84	98,586.21	551,262.05	997,692,200	46.25	461,444.96	105,731.98	567,176.94
March	897,210,200	51.76	464,396.00	100,128.66	564,524.66	1,040,188,100	50.34	523,597.20	112,317.64	635,914.84
April	787,108,100	47.60	374,663.46	99,569.17	474,232.63	835,179,100	47.95	400,442.15	108,415.90	508,858.05
May	703,736,000	54.06	380,439.68	99,226.78	479,666.46	755,802,000	53.11	401,382.10	107,589.88	508,971.98
June	625,092,200	49.49	309,358.13	94,263.90	403,622.03	665,292,200	49.00	325,987.51	102,195.70	428,183.21
July	560,752,800	54.25	304,208.39 Adj. 29,514.51	93,645.72	397,854.11	643,144,000	52.69	338,892.82	103,383.02	442,275.84
August	570,972,400	62.19	355,087.74	96,608.53	422,181.76	730,823,900	54.10	395,352.07	109,855.28	505,207.35
September	700,416,500	52.36	366,738.08	96,867.60	463,605.68	935,351,300	49.90	466,727.99	113,135.44	579,863.43
October	806,241,600	55.00	443,432.88 Adj. 52,694.70	102,312.06	545,744.94	1,029,183,800	52.59	541,291.17	118,366.75	659,657.92
November	858,546,700	55.37	475,377.31 Adj. 85,005.57	104,742.70	527,425.31	1,078,362,300	48.16	519,316.39	120,674.97	639,991.36
December	1,007,817,400	56.14	565,788.69	105,720.04	586,503.16	1,235,654,600	47.51	587,123.81	122,622.97	709,746.78
12 Months	9,645,584,400	.....	4,811,664.53	1,189,359.17	6,001,023.70	11,300,449,900	.....	5,530,707.65	1,336,489.83	6,867,197.48
	Add 10% from Standard Co., Credited to "Commission on others gas"...					.....	.....	.....	905.68	905.68
	Net Total for the year charged to "Gas Transferred Account".....							5,530,707.65	1,337,395.51	6,868,103.16

NEW AMSTERDAM GAS COMPANY (INCL. E. R. GAS CO., OF L. I. CITY)

...t of Gas Transferred Together with Gas Sold to Standard and Mutual Gas Companies, Through Consumers Meters During Each Month of the Calendar Year 1918, Which Were Cancelled as of December 31st, 1918.

	Transferred to Consolidated Gas Company Received from Consolidated Gas Company					Transferred to Central Union Gas Company				
	Cu. ft.	Rate of Money Payment (In ¢ per. "M")	Amount ($)	+ 10%	Total Money Payment	Cu. ft.	Rate of Money Payment (In ¢ per. "M")	Amount ($)	+ 10%	Total Money Payment
.....	51,445,500	36.71¢	$18,885.60	$1,888.56	$20,774.16	261,045,200	44.08	$115,079.16	$11,507.92	$126,587.08
.....	29,866,500	30.36	9,066.79	906.68	9,973.47	249,408,200	40.47	100,944.99	10,094.50	111,039.49
.....	50,896,900	37.70	19,190.67	1,919.07	21,109.74	148,619,900	43.52	64,686.19	6,468.62	71,154.81
.....	9,921,500	36.36	3,607.56	360.76	3,968.32	161,135,500	40.23	64,818.99	6,481.90	71,300.89
.....	19,580,200	35.88	7,026.51	702.65	7,729.16	136,701,100	41.73	57,072.27	5,707.23	62,779.50
.....	36,483,900	42.71	(a)15,575.90	(a)1,557.59	(a)17,133.49	97,772,600	43.18	42,219.40	4,221.94	46,441.34
.....	5,098,700	44.52	2,269.94	226.99	2,496.93	90,620,800	45.33	41,078.41	4,107.84	45,186.25
.....	81,201,500	44.47	36,110.31	3,611.03	39,721.34	64,681,600	45.24	29,261.96	2,926.20	32,188.16
.....	137,427,300	43.04	59,148.71	5,914.87	65,063.58	126,412,700	43.58	55,090.65	5,509.07	60,599.72
.....	123,944,700	43.71	54,176.23	5,417.62	59,593.85	138,343,000	44.29	61,272.11	6,127.21	67,399.32
.....	101,015,400	43.72	(b)33,720.12	(b)3,372.01	(b)37,092.13	153,932,500	44.18	(c)52,653.17	(c)5,265.32	(c)57,918.49
.....	97,157,000	44.44	43,176.57	4,317.66	47,494.23	154,103,300	44.99	65,281.97	6,528.20	71,810.17
.....	552,334,900	.....	$231,401.39	$23,140.13	$254,541.52	1,773,776,400	.....	$749,459.27	$74,945.95	$824,405.22
...s allowance applicable to 5 —			$6.37	.64	$7.01	(c) Includes allowance applicable to previous months.		$15,354.21	$1,535.42	$16,889.63
...s allowance applicable to pre- ... period			10,443.81	1,044.38	11,488.19					

... GAS COMPANY (INCL. E. R. GASCO, OF L. I. CITY) NO. 2 Concluded—

Statement of gas transferred together with gas sold to Standard and Mutual Gas Companies, through Consumers meters during each month of the calendar year 1918, which were cancelled as of December 31, 1918.

	Sold through Consumers Meters						
	To Standard Gas Light Company			To N. Y. Mutual Gas Lt. Company			
	cu. ft.	Rate of money payment (In ¢ per "M")	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per "M")	Total Money Payment	Grand Total Money Payment
January	5,041,100	80	$4,032.88	5,392,800	80	$4,314.24	155,708.36
February	5,287,800	..	4,230.24	4,927,400	..	3,941.92	109,238.18
March	4,271,300	..	3,417.04	4,458,500	..	3,566.80	99,248.39
April	4,000,100	..	3,200.08	4,011,600	..	3,209.28	73,741.93
May	3,505,100	..	2,804.08	3,302,300	..	2,641.84	60,496.26
June	3,103,700	..	2,482.96	2,818,500	..	2,254.80	(d) 34,045.61
July	3,113,300	..	2,490.64	2,720,200	..	2,176.16	52,349.98
August	2,691,900	..	2,153.52	2,386,900	..	1,909.52	75,972.54
September	3,018,600	..	2,414.88	2,408,200	..	1,926.56	130,004.74
October	3,319,200	..	2,655.36	2,809,600	..	2,247.68	131,896.21
November	4,501,400	..	3,601.12	3,417,400	..	2,733.92	(e) 101,345.66
December	4,360,800	..	3,488.64	3,478,200	..	2,782.56	125,575.60
Total	46,214,300	..	$36,971.44	$42,131,600	..	$33,705.28	$1,149,623.46
					(d) Includes adjustment		$7.01
					(e) Includes adjustment		28,377.82

NEW AMSTERDAM GAS COMPANY

Statement of gas purchased from The Standard Gas Light Company and the New York Mutual Gas Light Company through Consumers meters, together with the amounts charged to "Distributing Expense Inter Company Sales" during each month of the calendar year 1918, which were cancelled as of December 31, 1918.

	Purchased through Meters						Distributing Expense Inter Company Sales				
	From Standard Gas Light Company			From N. Y. Mutual Gas Lt. Company			Sales to Standard Gas Light Company		Sales to N. Y. Mut. Gas Lt. Co.		
	cu. ft.	Rate of money payment (In ¢ per "M")	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per "M")	Total Money Payment	Rate of money payment (In ¢ per "M")	Total Money Payment	Rate of money payment (In ¢ per "M")	Total Money Payment	Grand Total Money Payment
January	6,134,100	50	$3,067.05	10,591,500	50	$5,295.75	30	$1,512.33	30	$1,617.84	$11,492.97
February	5,827,800	..	2,913.90	10,885,200	..	5,442.60	..	1,586.34	..	1,617.22	11,421.06
March	5,014,900	..	2,507.45	10,160,200	..	5,080.10	..	1,281.39	..	1,337.55	10,206.49
April	4,438,100	..	2,219.05	8,318,000	..	4,159.00	..	1,200.03	..	1,203.48	8,781.56
May	4,154,900	..	2,077.45	8,005,400	..	4,002.70	..	1,051.53	..	990.69	8,122.37
June	3,675,700	..	1,837.85	6,418,600	..	3,209.30	..	931.11	..	845.55	6,823.81
July	3,410,10	..	1,705.05	5,906,300	..	2,953.15	..	933.99	..	816.06	6,408.25
August	3,038,000	..	1,519.00	5,541,100	..	2,770.55	..	807.57	..	716.07	5,813.19
September	3,347,700	..	1,673.85	5,480,900	..	2,740.45	..	905.58	..	722.46	6,042.34
October	4,089,200	..	2,044.60	6,626,300	..	3,313.15	..	995.76	..	842.88	7,196.39
November	4,482,600	..	2,241.30	7,561,200	..	3,780.60	..	1,350.42	..	1,025.22	8,397.54
December	5,251,700	..	2,625.85	8,385,000	..	4,192.50	..	1,308.24	..	1,043.46	9,170.05
	52,864,800	..	$26,432.40	$93,879,700	..	$46,939.85	..	$13,864.29	..	$12,639.48	$99,876.02

CENTRAL UNION GAS COMPANY

Statement of Gas Transferred and Received During Each Month of the Calendar Year 1918, *Which Were Cancelled as of December* 31*st*, 1918.

	Received from New Amsterdam Gas Company					Transferred to Northern Union Gas Company				
	Cu. ft.	Rate of Money Payment (In ¢ per. "m")	Amount ($)	+ 10%	Total Money Payment	Cu. ft.	Rate of Money Payment (In ¢ per. "m")	Amount ($)	+ 10%	Total Money Payment
ary	261,045,200	44.08	$115,079.16	$11,507.92	$126,587.08	255,151,700	43.44	$110,837.90	$11,083.79	$121,921.69
uary	249,408,200	40.47	100,944.99	10,094.50	111,039.49	231,929,000	40.36	93,606.54	9,360.66	102,967.20
	148,619,900	43.52	64,685.19	6,468.62	71,154.81	198,410,100	44.75	88,780.72	8,878.07	97,658.79
	161,135,500	40.23	64,818.99	6,481.90	71,300.89	183,798,000	40.21	73,902.12	7,390.21	81,292.33
	136,701,100	41.73	57,072.27	5,707.23	62,779.50	170,255,200	41.64	70,893.20	7,089.32	77,982.52
	97,772,600	43.18	42,219.40	4,221.94	46,441.34	147,754,100	40.98	60,554.30	6,055.43	66,609.73
	90,620,800	45.33	41,078.41	4,107.84	45,186.25	144,633,100	43.24	62,537.50	6,253.75	68,791.25
st	64,681,600	45.24	29,261.96	2,926.20	32,188.16	125,676,300	45.74	57,489.67	5,748.97	63,238.64
ber	126,412,700	43.58	55,090.65	5,509.07	60,599.72	149,890,400	43.56	65,287.02	6,528.70	71,815.72
er	138,343,900	44.29	61,272.11	6,127.21	67,399.32	184,519,800	45.21	83,617.06	8,361.71	91,978.77
ber	153,932,500	44.18	(a)52,653.17	(a)5,265.32	(a)57,918.49	197,725,400	45.68	(b)68,997.45	(b)6,899.75	(b)75,897.20
er	145,103,300	44.99	65,281.97	6,528.20	71,810.17	208,407,600	46.61	97,187.34	9,718.73	106,906.07
Total	1,773,776,400	.....	749,459.27	74,945.95	824,405.22	2,198,150,700	.....	933,690.82	93,369.09	1,027,059.91
Includes allowance applicable to previous months			15,354.21	1,535.42	16,889.63	(b) Includes allowance applicable to previous months.		21,322.41	2,132.24	23,454.65

NORTHERN UNION GAS COMPANY.

Statement of gas received during each month of the calendar year 1918, *which were cancelled as of December* 31*st*, 1918.

	Received from Central Union Gas Company during each month of the year 1918, reversed and cancelled as of December 31, 1918.			
	Requirements on basis of 90% cu. ft.	Amount ($)	+10%	Total Amount
January	255,151,700	$110,837.90	$11,083.79	$121,921.69
February	231,929,000	93,606.54	9,360.66	102,967.20
March	198,410,100	88,780.72	8,878.07	97,658.79
April	183,798,000	73,902.12	7,390.21	81,292.33
May	170,255,200	70,893.20	7,089.32	77,982.52
June	147,754,100	60,554.30	6,055.43	66,609.73
July	144,633,100	62,537.50	6,253.75	68,791.25
August	125,676,300	57,489.67	5,748.97	63,238.64
September	149,890,400	65,287.02	6,528.70	71,815.72
October	184,519,800	83,617.06	8,361.71	91,978.77
	.....	21,322.41	2,132.24	23,454.65
November	197,725,400	90,319.86	9,031.99	99,351.85
December	208,407,600	97,187.34	9,718.73	106,906.07
Total	2,198,150,700	$933,690.82	$93,369.09	$1,027,059.91

STANDARD GAS LIGHT COMPANY

Gas transferred to or Received from the Consolidated Gas Co., together with the Sales of gas to New Amsterdam and Mutual Gas Companies through con- during each month of the calendar year 1918, which were cancelled as of December 31st, 1918.

	Transferred to Consolidated Gas Company. Received from Consolidated Gas Company.					Sales through meters to New Amsterdam Gas Company.			Sales through meters to N. Y. Mutual Gas Lt. Company.			
	cu. ft.	Rate of money payment (In ¢ per. "M")	Amount ($)	+10%	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per. "M")	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per. "M")	Total Money Payment	Grand Total Money Payment
.....	34,530,200	36.05	$12,448.14	$1,244.81	$13,692.95	6,134,100	80	$4,907.28	852,800	80	$682.24	$19,282.47
.....	19,831,600	39.58	7,849.35	784.93	8,634.28	5,827,800	.....	4,662.24	588,800	.....	471.04	5,501.00
.....	3,536,000	38.47	1,360.30	136.03	1,496.33	5,014,900	.....	4,011.92	935,300	.....	748.24	6,256.49
.....	28,334,500	40.25	11,404.64	1,140.46	12,545.10	4,438,100	.....	3,550.48	740,200	.....	592.16	8,802.46
.....	28,592,900	40.63	11,617.29	1,161.73	12,779.02	4,154,900	.....	3,323.92	600,300	.....	480.24	8,974.85
.....	15,971,900	42.26	6,749.72	674.97	7,424.69	3,675,700	.....	2,940.56	571,700	.....	457.36	4,026.77
.....	8,590,900	42.96	3,690.65	369.06	4,059.71	3,410,100	.....	2,728.08	556,700	.....	445.36	7,233.15
.....	4,239,400	44.34	1,879.84	187.98	2,067.82	3,038,000	.....	2,430.40	550,100	.....	440.08	4,938.30
.....	(a) 5,867,500	40.09	(a) 2,109.32	(a) 210.93	(a) 2,320.25	3,347,700	.....	2,678.16	501,500	.....	401.20	5,399.61
.....	(b) 4,878,500	40.37	(b) 2,013.80	(b) 201.38	(b) 2,215.18	4,089,200	.....	3,271.36	558,100	.....	446.48	1,502.66
.....	16,509,100	42.28	6,980.03	698.00	7,678.05	4,482,600	.....	3,586.08	536,300	.....	429.04	11,693.17
.....	38,146,700	43.04	16,418.31	1,641.83	18,060.17	5,251,700	.....	4,201.36	782,800	.....	626.24	22,887.77
.....	11,810,600	.....	$5,251.84	$525.17	$5,777.01	52,864,800	.....	$42,291.84	7,774,600	.....	$6,219.68	$54,288.53
Balance April to	3,034,900	.....	686.70	68.67	755.38							
Settlement months.	161,000	.....	20.65	2.06	22.71							

STANDARD GAS LIGHT COMPANY.

Statement of gas purchased from New Amsterdam and Mutual Companies through Consumers meters, together with the amounts charged to "Distributing Expense Inter Company Sales" during each month of the calendar year 1918, which were cancelled as of December 31st, 1918.

	Purchased through meters from New Amsterdam Gas Company.			Purchased through meters from N. Y. Mutual Gas Light Company.			"Distributing Expense Inter Company Sales"				
							Gas Sold to N. A. Gas Co.		Gas Sold to N. Y. Mut. Gas Co.		
	cu. ft.	Rate of money payment (In ¢ per. "M")	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per. "M")	Total Money Payment	Rate of money payment (In ¢ per "M")	Total Money Payment	Rate of money payment (In ¢ per "M")	Total Money Payment	Grand Total Money Payment
January	5,041,100	50	$2,520.55	787,100	50	$393.55	30	$1,840.23	30	$255.84	$5,010.17
February	5,287,800	..	2,643.90	826,300	..	413.15	..	1,748.34	..	176.64	4,982.03
March	4,271,300	..	2,135.65	691,900	..	345.95	..	1,504.47	..	280.59	4,266.66
April	4,000,100	..	2,000.05	538,200	..	269.10	..	1,331.43	..	222.06	3,822.64
May	3,505,100	..	1,752.55	483,500	..	241.75	..	1,246.47	..	180.09	3,420.86
June	3,103,700	..	1,551.85	401,400	..	200.70	..	1,102.71	..	171.51	3,026.77
July	3,113,300	..	1,556.65	375,000	..	187.50	..	1,023.03	..	167.01	2,934.19
August	2,691,900	..	1,345.95	323,300	..	161.65	..	911.40	..	165.03	2,584.03
September	3,018,600	..	1,509.30	352,200	..	176.10	..	1,004.31	..	150.45	2,840.16
October	3,319,200	..	1,659.60	438,100	..	219.05	..	1,226.76	..	167.43	3,272.84
November	4,501,400	..	2,250.70	497,500	..	248.75	..	1,344.78	..	160.89	4,005.12
December	4,360,800	..	2,180.40	522,700	..	261.35	..	1,575.51	..	234.84	4,252.10
Total	46,214,300	..	$23,107.15	6,237,200	..	3,118.60	..	15,859.44	..	2,332.38	44,417.57

NEW YORK MUTUAL GAS LIGHT COMPANY

Gas transferred to Consolidated Gas Co., together with gas sold to New Amsterdam and Standard Companies through consumers' meters, cancelled as of De- 1918.

	Gas transferred to Consolidated Gas Company					Sold to New Amsterdam Gas Co., through meters.			Sold to Standard Gas Lt. Co., through meters.			
	cu. ft.	Rate of money payment (In ¢ per. "M")	Amount ($)	+10%	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per. "M")	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per. "M")	Total Money Payment	Grand Total Money Payment
.....	139,726,700	40.90	$57,148.22	$5,714.82	$62,863.04	10,591,500	80	$8,473.20	787,100	80	$629.68	$71,965.92
.....	91,737,500	40.76	37,392.21	3,739.22	41,131.43	10,885,200	.....	8,708.16	826,300	.....	661.04	50,500.63
.....	108,168,900	41.36	44,738.66	4,473.86	49,212.52	10,160,200	.....	8,128.16	691,900	.....	553.52	57,894.20
.....	103,815,500	45.31	47,038.80	4,703.88	51,742.68	8,318,000	.....	6,654.40	538,200	.....	430.56	58,827.64
.....	116,069,100	41.26	47,646.37	4,764.64	52,411.01	8,005,400	.....	6,404.32	483,500	.....	386.80	59,202.13
.....	107,452,100	43.04	46,247.38	4,624.74	50,872.12	6,418,600	.....	5,134.88	401,400	.....	321.12	56,328.12
.....	82,111,300	45.40	37,278.53	3,727.85	41,006.38	5,906,300	.....	4,725.04	369,100	.....	295.28	46,026.70
.....	86,809,000	47.59	41,312.40	4,131.24	45,443.64	5,541,100	.....	4,432.88	329,200	.....	263.36	50,139.88
.....	103,335,900	45.18(a)	39,175.10	(a) 3,917.52	(a) 43,092.62	5,480,900	.....	4,384.72	352,200	.....	281.76	47,759.10
.....	119,347,500	46.41	55,389.17	5,538.92	60,928.09	6,626,300	.....	5,301.04	438,100	.....	350.48	66,579.61
.....	119,537,000	45.82	54,771.86	5,477.19	60,249.05	7,561,200	.....	6,048.96	497,500	.....	398.00	66,696.01
.....	111,602,000	49.60	55,354.59	5,535.46	60,890.05	8,385,000	.....	6,708.00	522,700	.....	418.16	68,016.21
.....	1,289,712,500	.....	563,493.29	56,349.34	619,842.63	93,879,700	.....	75,103.76	6,237,200	.....	4,989.76	699,936.15
llowance app. to June, July and			7,512.06	751.20	8,263.26							

NEW YORK MUTUAL GAS LIGHT COMPANY

Gas purchased from New Amsterdam and Standard Companies through consumers meters, together with the amount charged to "Distributing Expense Inter Company Sales" during each month of the calendar year 1918, which were cancelled as of Dec. 31, 1918.

	Purchased through meters from New Amsterdam Gas Co.			Purchased through meters from Standard Gas Ltg. Co.			Distributing Expense Inter Company Sales				
							Sales to New Amst. Co.		Sales to Stand. Gas Lt. Co.		
	cu. ft.	Rate of money payment (In ¢ per "M")	Total Money Payment	cu. ft.	Rate of money payment (In ¢ per "M")	Total Money Payment	Rate of money payment (In ¢ per "M")	Total Money Payment	Rate of money payment (In ¢ per "M")	Total Money Payment	Grand Total Money Payment
January	5,392,800	50	$2,696.40	852,800	50	$426.40	30	$3,177.45	30	$236.13	$6,536.38
February	4,927,400	..	2,463.70	588,800	..	294.40	..	3,265.56	..	247.89	6,271.55
March	4,458,500	..	2,229.25	935,300	..	467.55	..	3,048.06	..	207.57	5,952.53
April	4,011,600	..	2,005.80	740,200	..	370.10	..	2,495.40	..	161.46	5,032.76
May	3,302,300	..	1,651.15	600,300	..	300.15	..	2,401.62	..	145.05	4,497.97
June	2,818,500	..	1,409.25	571,700	..	285.85	..	1,925.58	..	120.42	3,741.10
July	2,720,200	..	1,360.10	556,700	..	278.35	..	1,771.89	..	110.73	3,521.07
August	2,386,900	..	1,193.45	550,100	..	275.05	..	1,662.33	..	98.76	3,229.59
September	2,408,200	..	1,204.10	501,500	..	250.75	..	1,644.27	..	105.66	3,204.78
October	2,809,600	..	1,404.80	558,100	..	279.05	..	1,987.89	..	131.43	3,803.17
November	3,417,400	..	1,708.70	536,300	..	268.15	..	2,268.36	..	149.25	4,394.46
December	3,478,200	..	1,739.10	782,800	..	391.40	..	2,515.50	..	156.81	4,802.81
Total	42,131,600	..	21,065.80	7,774,600	..	$3,887.30	..	$28,163.91	..	$1,871.16	$54,988.17

DEFENDANT'S EXHIBIT AA40.

1M-5-19
Fire Insurance Fund.
George B. Cortelyou,
Nicholas F. Brady,
John Garver.
Trustees.

Hamlin & Co., Agents,
17 Cedar Street,

New York, April 7th, 1919

Mr. Henry M. Brundage, Asst. Secretary,
Consolidated Gas Company,
130 East 15th Street, N. Y. City.

Dear Sir:—

1919 Schedule

Enclosed we hand you endorsement No. 3733 with Fire Insurance Schedule for the year 1919, showing total amount of insurance $17,226,917., also bill for premium $39,776.40.

Please note that the premium is payable in monthly installments in advance during the first week of each month.

Yours truly,

HAMLIN & CO.
Agents

Enc.
Referred to Mr. Armstrong
Controller
C W
4/8/19
1000—12-17

Endorsement No. 3733

Hamlin & Company
45 William Street
Removed to 17 Cedar Street

New York, April 7th, 1919

Endorsement to Fire Insurance Schedule issued to CONSOLIDATED GAS COMPANY.

January 1st, 1919

In consideration of $39,776.40 premium, insurance in the sum of $17,226,917, as per schedule attached, is hereby renewed from January 1st, 1919, to January 1st, 1920. (Monthly payment on the 1st of each month)

HAMLIN & CO.,
Agents.

Hamlin & Co., Agents.
17 Cedar Street.

Fire Insurance Fund
George B. Cortelyou,
Nicholas F. Brady, } Trustees.
John A. Garver.

New York, April 7th, 1919

Mr. HENRY M. BRUNDAGE, *Asst. Secretary*,
Consolidated Gas Company,
130 East 15th Street, N. Y. City.

Dear Sir:—

1919 *Schedule*

Enclosed we hand you endorsement No. 3733 with Fire Insurance Schedule for the year 1919, showing total amount of insurance $17,226,917., also bill for premium $39,776.40

Please note that the premium is payable in monthly installments in advance during the e[illegible] each month.

Yours truly,

HAMLIN & CO.,
Agents

1 Enc.
Referred to Mr. Armstrong, Comptroller.
————, 4/8/19.

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPA

Property	Description	Recapitulation On Buildings	On Structure	On Apparatus	On Contents	On Holders	
Station		$393,260	$21,335	$905,750	$9,350	$503,000	
"		.....	760	.....	.....	.....	
"		920,830	82,330	1,737,430	63,375	595,200	
"		262,150	95,965	732,370	7,455	180,000	
"		11,440	730	12,250	100	385,800	
"		.....	150	.....	.....	256,600	
"		56,810	1,070	60,490	9,455	637,800	
"		154,810	21,990	473,670	3,500	250,500	
"		101,920	94,950	80,130	35,925	979,000	
"		37,750	6,040	49,400	.....	555,000	
Station		5,030	660	4,350	100	19,000	
ge Station		77,000	.....	73,500	.....	856,000	
		$2,021,000	$325,980	$4,129,340	$129,260	$5,217,900	$5,6
& 166th Street	Buildings, Sheds and Fences	$7,000	.....	.....	.....	.....	52
Garage		85,000	.....	.....	.....	.....	
Station	Bldg. J	59,800	.....	.....	.....	.....	
	do	.....	.....	$8,200	$33,000	.....	
		3,783,460	$7,800	16,370	853,740	.....	4,6
Properties		74,150	.....	.....	.....	.....	
Stations		.....	.....	.....	5,000	.....	
paratus		.....	.....	.....	3,800	.....	
Wagons & Harness		.....	.....	.....	22,990	.....	
Material		.....	.....	.....	220,000	.....	2
Horses, Wagons, Harness		.....	.....	.....	1,000	.....	
Mouth Plates		.....	.....	.....	36,400	.....	
Saws		26,000	.....	.....	.....	.....	
		.....	.....	.....	159,727	.....	1
							$17,2

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Property	Description	Recapitulation: On Buildings	On Structure	On Apparatus	On Contents	On Holders	Total	Rate	Premium	Remarks
Station		$393,260	$21,335	$905,750	$9,350	$503,000	.....	.....	.....	
"		.....	760	.....	.....	.....	.....	.....	.....	
"		920,830	82,330	1,737,430	63,375	595,200	.....	.....	.....	
"		262,150	95,965	732,370	7,455	180,000	.....	.....	.....	
"		11,440	730	12,250	100	385,800	.....	.....	.....	
"		.....	150	.....	.....	256,600	.....	.....	.....	
"		56,810	1,070	60,490	9,455	637,800	.....	.....	.....	
"		154,810	21,990	473,670	3,500	250,500	.....	.....	.....	
"		101,920	94,950	80,130	35,925	979,000	.....	.....	.....	
"		37,750	6,040	49,400	.....	555,000	.....	.....	.....	
Station		5,030	660	4,350	100	19,000	.....	.....	.....	
Station		77,000	.....	73,500	.....	856,000	.....	.....	.....	
		$2,021,000	$325,980	$4,129,340	$129,260	$5,217,900	$6,605,580	Less 10% .25	$14,862.57	
							5,217,900	Less 10% .25	11,740.27	
Ave. & 166th Street	Buildings, Sheds and Fences	$7,000	.....	.....	.....	.....	7,000	.16	11.20	
Garage		85,000	.....	.....	.....	.....	85,000	Less 20% .73[a]	497.76	See Chg. Ticket 9634 Dated 12/23/19
Station	Bldg. J	59,800	.....	.....	.....	.....	59,800	Less 20% .92[a]	441.08	
.....	do	.....	.....	$8,200	$33,000	.....	41,200	Less 20% 1.18[a]	389.92	
.....		3,783,460	$7,800	16,370	853,740	.....	4,661,370	var	8,739.17	
Properties		74,150	.....	.....	.....	.....	74,150	"	173.07	
Stations		.....	.....	.....	5,000	.....	5,000	1.00	50.00	
Apparatus		.....	.....	.....	3,800	.....	3,800	var	27.47	
Wagons & Harness		.....	.....	.....	22,990	.....	22,990	Less 20% .75	137.94	Checked except extensions, footings and item "Gas Making Materials" on page 12.—H. W. S. 4-15, 19.
Material		.....	.....	.....	220,000	.....	220,000	Less 10% .25	495.00	
Horses, Wagons, Harness		.....	.....	.....	1,000	.....	1,000	2.50	25.00	
Match Plates		.....	.....	.....	36,400	.....	36,400	2.00	728.00	
Screws		26,000	.....	.....	.....	.....	26,000	1.00	260.00	
		.....	.....	.....	159,727	.....	159,727	.75	1,197.95	
							$17,226,917		$39,776.40	Material and Supplies Valuations correct. J. J. N., 4/19/19.
							1.71			Extensions and footings correct—L. J. R.
							497.76			
							173.07			
							308.36			Extensions and footings checked by Accounting Dept. and found correct. J. J. N., 4/16/19.
							980.90			
							11.20			
							15.18			
							1,007.28			

New York Standard (100%) Average Clause with Exemption of Special Inventory or Appraisement in Certain Cases.
"This Company shall not be liable for a greater proportion of any loss or damage to the property described herein than the sum hereby insured bears to one hundred per centum (100%) of the actual cash value
d property at the time such loss shall happen.
In case of claim for loss on the property described herein not exceeding five per cent. (5%) of the maximum amount named in the policies written thereon and in force at the time such loss shall happen
cial inventory or appraisement of the undamaged property shall be required.
If the insurance under this policy be divided into two or more items, these clauses shall apply to each item separately."

SCHEDULE OF INSURANCE FOR YEAR 1919 OF CONSOLIDATED GAS COMPANY

Description			Amount							
			On Buildings	On Structure	On Apparatus	On Contents	Total	Rate	Premium	Remarks
Street Station	"A"	.....	$56000	.....	$10800	.....	.....	.....	.....	
chers & Meters	"C"	.....	10500	.....	.....	$1200	.....	.....	.....	
se	"C"a	.....	6500	.....	.....	1500	.....	.....	.....	
& Paint Shop	"D"	.....	7800	.....	18700	.....	.....	.....	.....	
ne & Boiler House	"E"	.....	9200	.....	14500	.....	.....	.....	.....	
uster House & Machine Shop	"E"1	.....	900	.....	3700	.....	.....	.....	.....	
uster & Engine House	"F"	.....	9000	.....	4000	.....	.....	.....	.....	
ksmith & Carpenter Shop	"F"1	.....	7800	.....	35000	.....	.....	.....	.....	
denser House	"H"	.....	1900	.....	10500	.....	.....	.....	.....	
ry Scrubber House	"H"1	.....	.....	.....	63000	.....	.....	.....	.....	
er Scrubbers	"I"	.....	3900	.....	25000	.....	.....	.....	.....	
Condenser	"K"	.....	100000	.....	522000	500	.....	.....	.....	
r House	"L"	.....	13500	.....	27000	.....	.....	.....	.....	
e Passage	"M"	.....	2300	.....	3100	.....	.....	.....	.....	
Engine House	"N"	.....	2000	.....	900	.....	.....	.....	.....	
er House	"P"	.....	350	.....	.....	.....	.....	.....	.....	
ge Shed	"R"	.....	28000	.....	32000	.....	.....	.....	.....	
uster House	"R"1	.....	250	.....	.....	.....	.....	.....	.....	
House	"R"2	.....	143000	.....	18000	.....	.....	.....	.....	
er House	"S"	.....	700	.....	250	100	.....	.....	.....	
se	"S"1	.....	250	.....	.....	..50	.....	.....	.....	
se	"T"	.....	.....	.....	3200	.....	.....	.....	.....	
Tank, Ammonia Tank & Separator	"V"	.....	5600	.....	2500	.....	.....	.....	.....	
Shed	"U"	.....	1040	.....	.....	1000	.....	.....	.....	
	"X"	.....	600	.....	420	.....	.....	.....	.....	
er House	"Y"	.....	170	.....	180	.....	.....	.....	.....	
e House	"Y"i	.....	300	.....	1800	.....	.....	.....	.....	
Derrick	W	.....	110000	.....	12000	.....	.....	.....	.....	
House No. 1	"G"	.....	400	.....	.....	5000	.....	.....	.....	
ge Shed										
that portion of bulkhead lying between 14th and 15th Sts., e rights of which pertain to the Consolidated Gas Co.	"B"a	.....	.....	14500	.....	.....	.....	.....	.....	
that portion of bulkhead lying opposite and at end of East th Street	"B"h	.....	.....	4300	.....	.....	.....	.....	.....	
se	"A"F	.....	.....	520	.....	.....	.....	.....	.....	
se	"B"F	.....	.....	60	.....	.....	.....	.....	.....	
se	"C"F	.....	.....	290	.....	.....	.....	.....	.....	
se	"I"F	.....	.....	230	.....	.....	.....	.....	.....	
se	"J"F	.....	.....	190	.....	.....	.....	.....	.....	
		Forward	$393260	$20090	$905750	$9350	.....	.....	.....	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY 2

Description		Amount							
		On Buildings	On Structure	On Apparatus	On Contents	Total	Rate	Premium	Remarks
	Forward	$393260	$20090	$905750	$9350	.....	.....	.....	
Station (Cont'd)									
"K"F	.....	.....	270	.....	.....	.....	.....	.....	
"L"F	.....	.....	20	.....	.....	.....	.....	.....	
"N"F	.....	.....	30	.....	.....	.....	.....	.....	
"P"F	.....	.....	550	.....	.....	.....	.....	.....	
"R"F	.....	.....	175	.....	.....	.....	.....	.....	
"S"F	.....	.....	200	.....	.....	.....	.....	.....	
		$393,260	21335	905,750	9350	$1329695	Less 10% .25	$2991 81	
No. 7	Without Tank	.....	$41500	.....	.....	.....	.....	.....	
No. 8	Without Tank	.....	41500	.....	.....	.....	.....	.....	
No. 9	With Tank	.....	420000	.....	.....	.....	.....	.....	
						503000	Less 10% .25	1131 75	
Station									
"A"F	.....	.....	$20	.....	.....	.....	.....	.....	
"B"F	.....	.....	60	.....	.....	.....	.....	.....	
"C"F	.....	.....	180	.....	.....	.....	.....	.....	
"D"F	.....	.....	90	.....	.....	.....	.....	.....	
"E"F	.....	.....	50	.....	.....	.....	.....	.....	
"F"F	.....	.....	230	.....	.....	.....	.....	.....	
"G"F	.....	.....	80	.....	.....	.....	.....	.....	
"H"F	.....	.....	20	.....	.....	.....	.....	.....	
"I"F	.....	.....	20	.....	.....	.....	.....	.....	
"J"F	.....	.....	10	.....	.....	.....	.....	.....	
		.....	$760	.....	.....				
						760	Less 10% .25	1 71	
"G"1	438/54 West 18th St.	$85000	.....	.....	.....	85000	Less 20% .73²	497 76	
	Forward	.....	.....	.....	.....	$1,918,455	.....	$4623 03	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY 3

Description		Amount							
		On Buildings	On Structure	On Apparatus	On Contents	Total	Rate	Premium	Remarks
	Forward					$1918455		$4623 03	
Station	"A"a	$27700			$1000				
Ship	"A"E	170		$1000					
House	"B"	53300			6000				
	"A"	32500		10000	2000				
	"C"	7800			1500				
	"C"3		$40000						
	"C"4			700					
	"D"	2860		2500					
House	"E"	4550		4700					
House	"F"	650		940					
House	"G"	5200			925				
Storage	"G"1	910			600				
	"G"2	1170			550				
Ship	"G"3		390		1000				
Lumber Rack	"H"g	115000		624000					
	"H"b	42300		173800					
	"H"c	37000		144500					
	"H"s	37000		51800					
& Pumps	"H"1	5800		6500					
Ship	"H"2	7200		11200	23000				
Ship Storeroom	"H"4	39000		104800					
Exhauster & Blower House	"I"	590		630					
House	"K"	26000			6500				
& Laboratory	"N"	4500		13800					
House	"O"	28600		77000					
House	"P"	320		1880					
Plant	"P"1	60							
Shanty	"R"	61800		100800					
House No. 1	"S"	6700		48800					
Scrubbers	"T"	58500		89500					
& Scrubbers	"U"	45600		72800					
House No. 2	"V"1	35800		7680					
House No. 1	"V"2	26000			8200				
Shed No. 2	"V"3	26000		7800					
Shed No. 3	"V"4	27300			1500				
Shed No. 4	"V"5	26000							
Shed No. 5	"V"6	28600			8600				
Shed No. 6	"W"	25000		70000	2000				
& Engine House	"Z"	39000							
for Horses	"Z"a	2600							
		$898080	$40390	$1627130	$63375	$1918455		$4623 03	

Description			Amount							Remarks
			On Buildings	On Structure	On Apparatus	On Contents	Total	Rate	Premium	
		Forward	$898080	$40390	$1627130	$63375	$1918455	.....	$4623 03	
...t Station (Cont'd)										
...House	"A"C	.....	22750	.....	28800	.....	.....	.....	.....	
...n Yard	"A"D	.....	.....	.....	32000	.....	.....	.....	.....	
...n Yard	"A"F	.....	.....	.....	12000	.....	.....	.....	.....	
...House on Pier & Piping	"D"a	.....	.....	50	*1500	.....	.....	.....	.....	* Including Piping $1000.
...ft. of the Northerly side of pier, foot of East 21st Street ...ning at inshore end of said Pier & extending outwardly ...feet	"D"b	.....	.....	36400	.....	.....	.....	.....	.....	
...head between 20th & 21st Street	"D"d	.....	.....	2280	.....	.....	.....	.....	.....	
...Tower	"M"	.....	.....	2800	6400	.....	.....	.....	.....	
...Water Tank	"L"	.....	.....	.....	5600	.....	.....	.....	.....	
...Contents including Coal Hoisting Crane and Weighing ...er	"D"c	.....	.....	.....	24000	.....	.....	.....	.....	
...	"B"F	.....	.....	290	.....	.....	.....	.....	.....	
...	"C"F	.....	.....	120	.....	.....	2803965	Less 10% .25	6308 92	
			$920830	$82330	$1737430	$63375				
...No. 1		With Steel Tank...	.....	$51200	.....	.....	.....	.....	.....	
...No. 2		With Steel Tank...	.....	51200	.....	.....	.....	.....	.....	
...No. 3		Without Tank	.....	87700	.....	.....	.....	.....	.....	
...No. 4		Without Tank	.....	87700	.....	.....	.....	.....	.....	
...No. 5		Without Tank	.....	87700	.....	.....	.....	.....	.....	
...No. 6		Without Tank	.....	87700	.....	.....		Less		
...No. 7		Without Tank	.....	142000	.....	.....	595200	10% .25	1339 20	
		Forward	.....	.....	.....	.....	$5317620	.....	$12271 15	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description		On Buildings	On Structure	Amount On Apparatus	Amount On Contents	Total	Rate	Premium	Remarks
	Forward	.....	.....	.....	.....	$5317620	.....	$12271 15	
Street Station									
House	"A"	$2340	.....	$8130	.....	.....	.....	.....	
House	"B"	790	.....	3940	.....	.....	.....	.....	
House	"C"	17200	.....	84000	.....	.....	.....	.....	
ying House	"C"1	15600	.....	33800	4000	.....	.....	.....	
& Meter House	"D"	80600	.....	280000	.....	.....	.....	.....	
House No 1	"E"	58500	.....	154000	.....	.....	.....	.....	
House Nos 2, 3 & 4	"E"1	13000	.....	77000	.....	.....	.....	.....	
ster & Condenser House	"G"	.....	.....	20240	.....	.....	.....	.....	
	"H"	780	.....	380	55	.....	.....	.....	
Office	"J"	.....	1100	.....	.....	.....	.....	.....	
Storage	"K"	.....	280	.....	.....	.....	.....	.....	
Storage	"L"	3900	.....	23400	.....	.....	.....	.....	
& Engine House	"O"	1300	.....	2800	.....	.....	.....	.....	
er House	"P"	350	.....	3300	.....	.....	.....	.....	
House	"Q"	39000	.....	.....	.....	.....	.....	.....	
Shed No 1	"R"	.....	630	.....	.....	.....	.....	.....	
Storage	"R"1	40	.....	380	.....	.....	.....	.....	
House	"T"	.....	29000	3700	.....	.....	.....	.....	
e & Bridge	"V"	28600	.....	12900	3400	.....	.....	.....	
	"W"	.....	.....	23200	.....	.....	.....	.....	
No 1, 2, 3 & 4	"X"	.....	.....	800	.....	.....	.....	.....	
No 5	"D"1	150	.....	400	.....	.....	.....	.....	
House	"D"2	.....	63000	.....	.....	.....	.....	.....	
s. Cribs etc	"D"F	.....	775	.....	.....	.....	.....	.....	
	"E"F	.....	180	.....	.....	.....	.....	.....	
	"T"1	.....	1000	.....	.....	.....	.....	.....	
Oil Tanks									
		$262150	$95965	$732370	$7455	1097940	Less 10% .25	2470 37	
er No 1	Without Tank	.....	$45000	.....	.....	.....	.....	.....	
er No 2	Without Tank	.....	45000	.....	.....	.....	.....	.....	
er No 3	Without Tank	.....	45000	.....	.....	.....	.....	.....	
er No 4	Without Tank	.....	45000	.....	.....	.....	.....	.....	
						180000	Less 10% .25	405 00	
	Forward	.....	.....	.....	.....	$6595560		$15146 52	
	Forward	.....	.....	.....	.....	$6595560		$15146 52	
Street Station									
House	"A"	$2600	.....	$6250	.....	.....	.....	.....	
age House	B	1040	.....	.....	$100	.....	.....	.....	
ster & Boiler House	"O"	7800	.....	6000	.....	.....	.....	.....	
	"B"F	.....	$580	.....	.....	.....	.....	.....	
	"C"F	.....	150	.....	.....	.....	.....	.....	
		$11440	$730	$12250	$100	24520	Less 10% .25	55 17	
er No 1	Without Tank	.....	$49800	.....	.....	.....	.....	.....	
er No 2	" "	.....	49800	.....	.....	.....	.....	.....	
er No 3	" "	.....	49800	.....	.....	.....	.....	.....	
er No 4	" "	.....	49800	.....	.....	.....	.....	.....	
er No 5	" "	.....	186600	.....	.....	.....	.....	.....	
						385800	Less 10% .25	868 05	
Street Station									
	"A"F	.....	$40	.....	.....	.....	.....	.....	
	"B"F	.....	30	.....	.....	.....	.....	.....	
	"C"F	.....	40	.....	.....	.....	.....	.....	
	"D"F	.....	40	.....	.....	.....	.....	.....	
						150	Less 10% .25	34	
r No 3	Without Tank	.....	256600	.....	.....	.....	.....	.....	
						256600	Less 10% .25	577 35	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description			Amount							
			On Buildings	On Structure	On Apparatus	On Contents	Total	Rate	Premium	Remarks
Street Station										
...ce & Valve House	"B"	.....	$26000	.....	$38900	$250	.....	.....	.....	
...chmans Office	"D"	.....	310	.....	750	15	.....	.....	.....	
...ksmith Shop	"E"	.....	110	.....	.....	265	.....	.....	.....	
...ge	"F"	.....	2070	.....	.....	200	.....	.....	.....	
...House	"G"	.....	150	.....	.....	625	.....	.....	.....	
...rgency Wagon House	"H"	.....	3600	.....	.....	400	.....	.....	.....	
...Rack	"K"	.....	.....	390	.....	6000	.....	.....	.....	
...ace Shed	"L"	.....	640	.....	.....	500	.....	.....	.....	
...rick Shed	"O"	.....	290	.....	2200	.....	.....	.....	.....	
...er House	"P"	.....	10400	.....	18000	.....	.....	.....	.....	
...oline Tank	"N"	.....	.....	.....	640	.....	.....	.....	.....	
...et Depart. Office Bldg	"R"	.....	13000	.....	.....	1000	.....	.....	.....	
...e	"A"F	.....	.....	250	.....	.....	.....	.....	.....	
...e	"B"F	.....	.....	230	.....	.....	.....	.....	.....	
		Forward	$56570	$870	$60490	$9255	$7262630		$16647 43	
...reet Station (Contd)		Forward	$56570	$870	$60490	$9255	$7262630		$16647 43	
...e	"C"F	.....	.....	200	.....	.....	.....	.....	.....	
...s House	"J"1	.....	120	.....	.....	.....	.....	.....	.....	
...& Scrap Storage House	"J"2	.....	120	.....	.....	200	.....	.....	.....	
			$56810	1070	60490	9455	127825	Less 10% .25	287 61	
...er & Store Repair Shop	"J"	.....	$59800	.....	.....	.....	59800	Less 20% .92[a]	441 08[a]	
do	"J"	.....	.....	.....	$8200	33000	41200	Less 20% 1.18[a]	389 92[a]	
...er No 7		Without Tank	.....	$318900	.....	.....	.....	.....	.....	
...er No 8		Without Tank	.....	318900	.....	.....	637800	Less 10% .25	1435 05	
...reet Station										
...e House	"A"	.....	$13000	.....	$28750	.....	.....	.....	.....	
...r. Pumps & Shops	"A"1	.....	47500	.....	72000	.....	.....	.....	.....	
...erators	"A"2	.....	22800	.....	152000	.....	.....	.....	.....	
...er Condenser	"A"3	.....	.....	.....	29400	.....	.....	.....	.....	
...ing Scrubbers	"A"4	.....	.....	.....	10000	.....	.....	.....	.....	
...head	"B"	.....	.....	$7500	.....	.....	.....	.....	.....	
...e	"C"	.....	11100	.....	.....	$3500	.....	.....	.....	
...e House	"C"1	.....	180	.....	375	.....	.....	.....	.....	
...er House	"D"	.....	6500	.....	28500	.....	.....	.....	.....	
...Coal Handling Apparatus	"D"c	.....	.....	.....	10640	.....	.....	.....	.....	
...ter House	"E"	.....	28600	.....	42000	.....	.....	.....	.....	
...e House	"F"	.....	40	.....	.....	.....	.....	.....	.....	
...e House	"G"	.....	150	.....	140	.....	.....	.....	.....	
...e House	"H"	.....	180	.....	275	.....	.....	.....	.....	
...e House	"I"	.....	140	.....	140	.....	.....	.....	.....	
...enser & Scrubber House	"J"	.....	170	.....	320	.....	.....	.....	.....	
...uster House	"K"	.....	6500	.....	35000	.....	.....	.....	.....	
...Separator	"L"	.....	6500	.....	6250	.....	.....	.....	.....	
	"M"	.....	80	.....	10400	.....	.....	.....	.....	
		Forward	$143440	$7500	$426190	$3500	$8129255		$19,201 09	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description		On Buildings	On Structure	Amount On Apparatus	Amount On Contnets	Amount Total	Rate	Premium	Remarks
	Forward	$143440	$7500	$426190	$3500	$8129255	.....	$19201 09	
et Station (Cont'd)									
"N"	.....	430	.....	33600	.....	.....	.....	.....	
"N"2	.....	150	.....	2400	.....	.....	.....	.....	
"N"3	.....	.....	.....	800	.....	.....	.....	.....	
"N"4	.....	340	.....	2130	.....	.....	.....	.....	
Press Shed "P"	.....	.....	.....	2400	.....	.....	.....	.....	
ket "Q"	.....	.....	.....	2400	.....	.....	.....	.....	
"R"	.....	.....	7330	.....	.....	.....	.....	.....	
Yard "S"	.....	10400	.....	3750	.....	.....	.....	.....	
Shed "B"A	.....	.....	5200	.....	.....	.....	.....	.....	
head "A"F	.....	.....	330	.....	.....	.....	.....	.....	
"B"F	.....	.....	230	.....	.....	.....	.....	.....	
"C"F	.....	.....	70	.....	.....	.....	.....	.....	
"D"F	.....	.....	210	.....	.....	.....	.....	.....	
"E"F	.....	.....	390	.....	.....	.....	.....	.....	
"G"F	.....	.....	230	.....	.....	.....	.....	.....	
"H"F	.....	.....	500	.....	.....	.....	.....	.....	
"W"	.....	50	.....	.....	.....	.....	.....	.....	
hmans Shelter		$154810	$21990	$473670	$3500				
						653970	Less 10% .25	1471 43	
er No. 1	Without Tank	.....	$95500	.....	.....	.....	.....	.....	
er No. 2	Without Tank	.....	95500	.....	.....	.....	.....	.....	
er No. 3	Without Tank	.....	39800	.....	.....	.....	.....	.....	
er No. 4	Without Tank	.....	19700	.....	.....	.....	.....	.....	
						250500	Less 10% .25	563 62	
Street Station									
uster House "B"	.....	$30800	.....	$50000	.....	.....	.....	.....	
House "C"	.....	4900	.....	15000	.....	.....	.....	.....	
gency Wagon House "D"	.....	1950	.....	.....	100	.....	.....	.....	
"E"	.....	750	.....	.....	100	.....	.....	.....	
"H"	.....	5000	.....	500	100	.....	.....	.....	
h House "J"	.....	1690	.....	.....	100	.....	.....	.....	
n House "M"	.....	4550	.....	.....	.....	.....	.....	.....	
"N"	.....	39000	.....	.....	500	.....	.....	.....	
& Garage "P"	.....	.....	72000	.....	.....	.....	.....	.....	
Handling Plant "Q"	.....	.....	290	.....	.....	.....	.....	.....	
Storage "R"	.....	.....	1730	9600	.....	.....	.....	.....	
Conveyor & Trestle "S"	.....	10900	.....	.....	35000	.....	.....	.....	
Depart. and Garage "U"	.....	.....	19500	.....	.....	.....	.....	.....	
ead & Platform "V"	.....	1730	.....	.....	.....	.....	.....	.....	
n Shed "W"	.....	.....	.....	3380	.....	.....	.....	.....	
	Forward	$101270	$93520	$78480	$35900	$9033725	.....	$21236 14	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description		On Buildings	On Structure	Amount: On Apparatus	Amount: On Contents	Total	Rate	Premium	Remarks
	Forward	$101270	$93520	$78480	$35900	$9033725	.....	$21236 14	
...reet Station (Cont'd)									
...& Shed ..... "X"	.....	290	.....	1650	.....	.....	.....	.....	
...House ..... "X"1	.....	120	.....	.....	.....	.....	.....	.....	
...mans Shanty ..... "X"2	.....	60	.....	.....	25	.....	.....	.....	
... Office ..... "X"3	.....	60	.....	.....	.....	.....	.....	.....	
...mans Shanty ..... "X"4	.....	120	.....	.....	.....	.....	.....	.....	
..... "A"F	.....	.....	260	.....	.....	.....	.....	.....	
..... "B"F	.....	.....	40	.....	.....	.....	.....	.....	
..... "C"F	.....	.....	70	.....	.....	.....	.....	.....	
..... "D"F	.....	.....	90	.....	.....	.....	.....	.....	
..... "E"F	.....	.....	230	.....	.....	.....	.....	.....	
..... "F"F	.....	.....	230	.....	.....	.....	.....	.....	
..... "G"F	.....	.....	230	.....	.....	.....	.....	.....	
..... "H"F	.....	.....	220	.....	.....	.....	.....	.....	
..... "I"F	.....	.....	60	.....	.....	.....	.....	.....	
		$101920	$94950	$80130	$35925	312925	Less 10% .25	704 08	
...r No. 1.....	With Steel Tank...	.....	$489500	.....	.....	.....	.....	.....	
... No. 2.....	With Steel Tank...	.....	489500	.....	.....	.....	.....	.....	
						979000	Less 10% .25	2202 75	
...reet Station									
...or House ..... "A"	.....	$28000	.....	$35000	.....	.....	.....	.....	
... House ..... "B"	.....	9750	$3900	14400	.....	.....	.....	.....	
..... "A"F	.....	.....	380	.....	.....	.....	.....	.....	
..... "B"F	.....	.....	380	.....	.....	.....	.....	.....	
..... "C"F	.....	.....	290	.....	.....	.....	.....	.....	
..... "D"F	.....	.....	290	.....	.....	.....	.....	.....	
..... "E"F	.....	.....	150	.....	.....	.....	.....	.....	
..... "F"F	.....	.....	120	.....	.....	.....	.....	.....	
..... "G"F	.....	.....	150	.....	.....	.....	.....	.....	
..... "H"F	.....	.....	380	.....	.....	.....	.....	.....	
		$37750	$6040	$49400	.....	93190	Less 10% .25	209 68	
... No. 2.....	With Steel Tank...	.....	$555000	.....	.....	555000	Less 10% .25	1248 75	
	Forward	.....	.....	.....	.....	$10973840		$25601 40	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description		Amount On Buildings	Amount On Structure	Amount On Apparatus	Amount On Contents	Total	Rate	Premium	Remarks
	Forward	.....	.....	.....	.....	$10973840	.....	$25601 40	
...dge ...e and Governor House.....“A”	.....	$77000	.....	$73500	.....	150500	Less 10% .25	338 63	
...se No 1.....	.....	.....	$856000	.....	.....	856000	Less 10% .25	1926 00	
...d Station .....“A”	.....	$4550	.....	$4350	.....	.....	.....	.....	
...ator House .....“B”	.....	150	.....	.....	.....	.....	.....	.....	
...ker House .....“C”	.....	100	.....	.....	.....	.....	.....	.....	
...ouse .....“D”	.....	230	.....	.....	$100	.....	.....	.....	
...“A”F	.....	.....	$90	.....	.....	.....	.....	.....	
...“B”F	.....	.....	80	.....	.....	.....	.....	.....	
...“C”F	.....	.....	120	.....	.....	.....	.....	.....	
...“D”F	.....	.....	150	.....	.....	.....	.....	.....	
...“E”F	.....	.....	120	.....	.....	.....	.....	.....	
...“F”F	.....	.....	100	.....	.....	.....	.....	.....	
		$5030	$660	$4300	$100	10140	Less 10% .25	22 82	
...se No 1.....	Without Tank	.....	$19000	.....	.....	19000	Less 10% .25	42 75	
...st 3rd & 114th Street.....	Office	$80600	.....	.....	$30000	110600	Less 20% .75	663 60	
...ench & Heater Sts ...ffice .....“A”	.....	$50400	.....	$900	$16900	.....	.....	.....	
...ouse .....“B”	.....	20400	.....	.....	4400	.....	.....	.....	
...Dept.....“C”	.....	910	.....	250	.....	.....	.....	.....	
...Shed .....“C”1	.....	120	.....	.....	.....	.....	.....	.....	
...Shed	.....	$71830	.....	$1150	$21300	94280	Less 20% .75	565 68	
...Amsterdam Ave.....	Furniture etc.....	.....	.....	.....	$12950	12950	Less 20% 1.09	112 92	
...East 15th St being S/E Cor 15th St & Irving Place.....	.....	$3250000	.....	.....	.....	3250000	Less 20% .10	2652 00	
	.....	.....	.....	.....	$35000	35000	Less 20% .29	2542 32	
...East 15th Street.....	.....	49500	.....	.....	.....	49500	Less 20% .10	40 39	
	Forward	.....	.....	.....	.....	$16061810		$34,508 51	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description		Amount On Building	On Structure	On Apparatus	On Contents	Total	Rate	Premium	Remarks
	Forward					$1061810		$34,508 51	
(Contd)							Less 20% Bldg .10 Cont .40		
West 57th St	Branch Office	$225000			$49300	274300		338 56	
Hill Street	Furniture				1000	1000	Less 20% .29	2 35	
West 159th Street Shop		39000				39000	Less 20% .77	240 24	
do do				$5630	28090	33720	Less 20% 1.10	296 73	
Second Avenue Shop				4810	50300	55110	Less 20% .32	143 28	
West 129th St Storage					25000	25000	Less 20% .61	122 40	
First Ave	Meter Shop Laboratory and Street Dept. Office			4780	55800	60580	Less 20% .13	63 00	
Ave and Wallabout Canal Brooklyn	Office and Harness Building	1950				1950	Less 20% .75	11 70	
	Wagon & Coke Shed	580				580	Less 20% .75	3 48	
of East 132nd Street Bronx End of Astoria Tunnel	Dock		7800			7800	Less 20% 1.00	62 40	
Elizabeth Street	Appliances in Storage				15000	15000	Less 20% 1.75	210 24	
25 West 65th Street "A"	Garage	65000				65000	Less 20% .59	308 36	
24 East 22nd Street					30000	30000	Less 20% 1.49	359 52	
Properties Annex "A" "A" b		9000				9000	.20	18 00	
East 60th Street E		2900				2900	Less 20% 2.60	60 32	
43 West 45th Street "E" F. G		13000				13000	.15	19 50	
East 61st Street "D"		2900				2900	.20	5 80	
Street & 1st Ave "O"		3300				3300	.10	3 30	
Annex "A" "P"		9000				9000	.15	13 50	
" " "P"		9000				9000	.15	13 50	
" " Q		13000				13000	.15	19 50	
" " "X" "Y"		11700				11709	.15	17 55	
& and Lexington Ave "A"		330				350	Less 20% .75	2 10	
Audubon Ave & 168th Street being 21 Audubon Ave (City Coal & Coke	Covers Building Sheds & Fences	7000				7000	.16	11 20	
	Forward					$1052000		$36855.04	

COPY BOUND CLOSE IN CENTER

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description	On Buildings	On Structure	Amount On Apparatus	Amount On Contents	Amount Total	Rate	Premium	Remarks
	Forward		.....	.....	$16752000	.....	$36855 04	
Stations								
Manhattan Island	Total liability at one place not to exceed Fifty (50.00) dollars, excepting at 71 Broad St. —2078 Eighth Ave., 38 West 125th Street— 2774 Eighth Ave., 2495 Amsterdam Ave., 307 Columbus Ave. and 1911 Amsterdam Ave. where it is not to exceed $500.00....		.....	$5000	5000	1.00	50.	
Apparatus								
Bowery	.....		.....	1900	1900	Less 20% .80	12 23	
E. 76th Street	.....		.....	1900	1900	Less 20% 1.00	15 24	
Wagons & Harness								
Street Stables "J"N"	.....		.....	8900	8900	Less 20% .75	53 40	
Street Stables	.....		.....	13150	13150	Less 20% .75	78 90	
Street Garage Yard	.....		.....	540	540	Less 20% .75	3 24	
Street Works	.....		.....	400	400	Less 20% .75	2 40	
Making Materials								
Street Station	.....		.....	10000	10000	Less 10% .25	22 50	
Street Station	.....		.....	100000	100000	"	225 00	
Street Station	.....		.....	15000	15000	"	33 75	
Street Station	.....		.....	95000	95000	"	213 75	
Wagons & Harness while contained in any building occupied as a stable in the City of New York	.....		.....	1000	1000	2.50	25 00	
Junior, Right Hand Cabinet, Double Oven Match Plates, anywhere in the United States or Canada	.....		.....	36400	36400	2.00	728 00	
	Nos. 3, 4, 5, 6 & 7		$26000	.....	26000	1.00	260	$5200 each.
					$17067190		$38578 45	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Description					Amount						
					On Buildings	On Structure	On Apparatus	On Contents	Total	Rate	Premium	Remarks
		Forward							$17067190		$38578 45	
	Motor No.											
Limousine	10976	Car No. 2	Gasoline	1909					4000	.75	30	
Emergency	62215	" 55	"	1910					2500	"	18 75	
"	62735	" 54	"	1910					2500	"	18 75	
"	55164	" 53	"	1907					1500	"	11 25	
Touring	47713	" 4	"	1910					1500	"	11 25	
"		"										
"												
Limousine	47741	" 5	"	1910					1400	.75	10 50	
Runabout	12282	" 13	"	1911					620	"	4 65	
Touring	63364	" 12	"	1911					3000	"	22 50	
"	61694	" 6	"	1912					3215	"	24 11	
"	65080	" 7	"	1912					1965	"	14 74	
Emergency Truck	66661	" 51	"	1912					3450	"	25 88	
Truck	119206	" 59	Electric	1911					2252	"	16 89	
Runabout, No. 1	120961	" 14	"	1912					1200	"	9 00	
" No. 2	989803	" 15	"	1912					1760	"	13 20	
Truck	218763	" 60	"	1912					2380	"	17 85	
Veh. Truck	218769	" 63	"	1912					3040	"	22 80	
"	218035	" 62	"	1912					3040	"	22 80	
"	217713	" 61	"	1912					2810	"	21 07	
Foremans Wagon	233911	" 64	"	1912					1785	"	13 39	
" "	233909	" 65	"	1912					1785	"	13 39	
" "	212594	" 66	"	1912					1785	"	13 39	
Elec. Emergency	234368	" 67	"	1912					3200	"	24 00	
Electric Runabout	212762	" 16	"	1912					1635	"	12 25	
Limousine or Touring	78453	" 17	Gasoline	1913					2875	"	21 56	
" "	78683	" 18	"	1913					2875	"	21 56	
Motors Co. Truck	281193	" 75	Electric	1913					2000	"	15 00	
" " "	281206	" 73	"	1913					2000	"	15 00	
" " "	281203	" 71	"	1913					2000	"	15 00	
" " "	281191	" 68	"	1913					2000	"	15 00	
" " "	281205	" 69	"	1913					2000	"	15 00	
" " "	281192	" 70	"	1913					2000	"	15 00	
" " "	281190	" 72	"	1913					2000	"	15 00	
" " "	281204	" 74	"	1913					2000	"	15 00	
" " "	281194	" 76	"	1913					2000	"	15 00	
Runabout	316606	" 19	Gasoline	1913					500	"	3 75	
Town Car	70846	" 45	"	1917					900	"	6 75	
Truck (Model "J")	2M22	" 200	"	1915					2500	"	18 75	
-1 ton Truck	2056.34	" 104	"						1100	"	8 25	
		Forward							$1714826		$39186 48	

SCHEDULE OF INSURANCE FOR YEAR 1919 OF THE CONSOLIDATED GAS COMPANY

Property	Description					Amount On Buildings	Amount On Contents	Amount Total	Rate	Premium	Remarks
					Forward	.....	.....	$17148262		$39186 48	
...les (Cont'd)	*Motor No.*										
...el Vehicle Truck	234017	Car No.	79	Electric	1914	.....	.....	2760	.75	20 70	
" "	218146	"	80	"	1914	.....	.....	2760	"	20 70	
" "	234160	"	81	"	1914	.....	.....	2760	"	20 70	
" "	233382	"	82	"	1914	.....	.....	2760	"	20 70	
" "	233350	"	83	"	1914	.....	.....	2760	"	20 70	
" "	233372	"	84	"	1914	.....	.....	2760	"	20 70	
" "	234019	"	85	"	1914	.....	.....	2760	"	20 70	
" "	282972	"	86	"	1914	.....	.....	2760	"	20 70	
" "	119938	"	87	"	1914	.....	.....	2760	"	20 70	
" "	234140	"	88	"	1914	.....	.....	2760	"	20 70	
" "	239165	"	89	"	1914	.....	.....	2760	"	20 70	
" "	234015	"	90	"	1914	.....	.....	2760	"	20 70	
" "	233378	"	91	"	1914	.....	.....	2760	"	20 70	
...c Emergency	99810	"	77	Gasoline	1914	.....	.....	3000	"	22 50	
"	A2775	"	78	"	1914	.....	.....	3000	"	22 50	
...ell Touring	23990	"	24	"	1915	.....	.....	700	"	5 25	
"	23801	"	25	"	1915	.....	.....	700	"	5 25	
Runabout Commercial	38947	"	34	"	1915	.....	.....	600	"	4 50	
" "	38691	"	28	"	1915	.....	.....	600	"	4 50	
1 ton Truck	38920	"	31	"	1915	.....	.....	1000	"	7 50	
Runabout Commercial	38944	"	35	"	1915	.....	.....	600	"	4 50	
" "	37553	"	36	"	1915	.....	.....	600	"	4 50	
" "	33953	"	37	"	1915	.....	.....	600	"	4 50	
...rd Limousine	78347	"	26	"	1915	.....	.....	6000	"	45 00	
...Wagon	910917	"	40	"	1915	.....	.....	500	"	3 75	
...ell Runabout	60203	"	39	"	1916	.....	.....	500	"	3 75	
...ac Touring	63769	"	41	"	1912	.....	.....	350	"	2 63	
"	63409	"	42	"	1912	.....	.....	350	"	2 62	
"	63949	"	43	"	1912	.....	.....	350	"	2 63	
...al Motor Truck	254010	"	92	"	1915	.....	.....	2100	"	15 75	
...ell Town Car	70328	"	44	"	1917	.....	.....	915	"	6 86	
Truck 1 Ton	191939	"	103	"	.....	.....	.....	1000	"	7 50	
" 1 "	71152	"	94	"	1917	.....	.....	1070	"	8 03	
" 1 "	98416	"	95	"	1917	.....	.....	1070	"	8 02	
" 1 "	106506	"	96	"	1917	.....	.....	1070	"	8 03	
" 1 "	99623	"	97	"	1917	.....	.....	1070	"	8 02	
Sedan	124903	"	46	"	1917	.....	.....	900	"	6 75	
...el Vehicle Truck ½ ton	119787	"	98	Electric	1917	.....	.....	565	"	4 23	
" " ½ ton	119235	"	99	"	1917	.....	.....	565	"	4 24	
...c Truck 1 Ton	55F425	"	100	Gasoline	1917	.....	.....	3040	"	22 80	
...ell " 1 Ton	178361	"	102	"	1917	.....	.....	1090	"	8 18	
...c Electric	6926	"	101	Electric	1912	.....	.....	1280	"	9 60	
...c Motor Cycle	76H235	Car No.	300	Gasoline	1916	.....	.....	340	"	2 55	
...c Emergency	K57-426	"	105	"	1918	.....	.....	3500	"	26 25	
...ell 1 Ton Truck	222657	"	106	"	1918	.....	.....	1250	"	9 37	
" " "	222348	"	107	"	1918	.....	.....	1250	"	9 38	
" " "	222440	"	108	"	.....	.....	.....	1250	"	9 38	
								$17226917		$39776 40	

DEFENDANT'S EXHIBIT AA41.

BEFORE THE STATE BOARD OF TAX COMMISSIONERS.

In the Matter of the Assessment for Taxation of the Special Franchises of the CONSOLIDATED GAS COMPANY OF NEW YORK.

Assessment of 1905.

Complaint.

The CONSOLIDATED GAS COMPANY OF NEW YORK complains of the assessment and valuation for taxation of its special franchises, such assessment and valuation of said franchises as fixed and determined by the State Board of Tax Commissioners being $30,500,000.

Your complainant alleges that the said assessment is erroneous, unequal and illegal in the following respects:

First. Said assessment largely exceeds the value of complainant's special franchises. The value of complainant's special franchises in the City of New York does not exceed the sum of $4,261,156.00. The extent of the said over-valuation is, therefore, $26,238,844.00. The rights, permissions and franchises of the complainant to occupy the streets in the City of New York exist under certain laws specified in the complainant's report to the State Board for the year ending June 30, 1899, and complainant has acquired no new or different rights, permissions or franchises since the filing of said report. The assessments of complainant's special franchises in previous years were: $13,950,000 in 1900; $13,990,000 in 1901; $16,275,000 in 1902; $17,985,000 in 1903, and $21,900,000 in 1904; although there has been no variation in the value of complainant's special franchises during said years, and the same are not more valuable at the present time than they were in the year 1900.

Second. There is no method or evidence by which the value of the intangible right to lay and maintain mains and pipes in the streets can be determined. There exists no market or demand for such rights, permission and franchises. The price at which complainant's franchises or rights would sell, under ordinary circumstances, is merely nominal. The municipal authorities of the City of New York have never fixed any amount as the consideration for granting such a franchise, and the right to lay mains and pipes in the streets has always been procurable from said municipal authorities without the payment of any monetary consideration therefor. The number of such franchises which may exist at any one time has never been limited by said municipal authorities. The value of the said right to occupy the street does not exceed the cost of procuring such a right from the City, and that cost is nominal.

Third. Three other gas companies operate and maintain sys-

tems of mains and pipes in the streets of the Borough of Manhattan, in the City of New York, namely, the Standard Gas Light Company of the City of New York, the New Amsterdam Gas Company, and the New York Mutual Gas Company. Each of these companies possesses a franchise or right to lay and maintain pipes and mains in all the streets of the said Borough of Manhattan. The franchise of each of the said companies is coextensive with that of the franchise of the complainant. The assessment of the State Board of Tax Commissioners upon the special franchises of each of the said companies in Manhattan Borough, for the year 1905, is as follows:

Standard Gas Light Company	$4,840,000
New Amsterdam Gas Company	6,590,000
New York Mutual Gas Company	4,058,000

Fourth. Complainant's special franchise is, therefore, assessed approximately $25,000,000 higher than any identical franchise of any other gas company in the Borough of Manhattan, of said City of New York.

Fifth. The actual number of cubic feet of space occupied by the mains and pipes of this complainant, in the streets, avenues and public places of the City of New York, is 3,051,210. The assessment of $30,500,000 upon the special franchises of this complainant, including complainant's tangible property in the streets, is, therefore, an assessment of $9.668 for each cubic foot of space occupied. If the value of the tangible property in the streets ($4,261,156) is deducted from the amount of the assessment, the assessment alone is $8.599 for each cubic foot of space occupied by the mains and pipes of the complainant in the streets of said City. The tax based upon this assessment, at the rate of taxation in the Borough of Manhattan in the year 1904, would amount to fourteen and one-half cents (14½ cts.) for each cubic foot of space occupied.

Sixth. On information and belief, on October 9, 1902, the City of New York granted to the Pennsylvania, New York and Long Island Railroad Company a franchise to construct tunnels for the operation of railways under 31st, 32d and 33d Streets, in the Borough of Manhattan, from the North River to the East River. The compensation fixed by the municipal authorities for the right, franchise and license of said railroad company under, on or above the said streets is fifty cents (50 cts.) for each lineal foot of single track constructed by said company in, under, on or above the said streets, excluding 31st and 33d Streets between Seventh and Ninth Avenues. The compensation fixed as aforesaid for the right, franchise and license in, under, on or above 31st and 33d Streets, between Seventh and Ninth Avenues, is $14,000 per annum. At the said rates of compensation the annual payment to the City of New York will be, as computed upon the plans and specifications for

the said tunnels, at the rate of $.00129 per cubic foot of actual space used under the streets for a double track tunnel.

Seventh. The tax based and levied upon the present assessment of the special franchises of this complainant will, therefore, be more than one hundred (100) times as great as the annual compensation fixed by the City of New York itself for the valuable tunnel privileges and franchises under streets of the Borough of Manhattan of the said City, although the franchises and rights of the complainant to lay and maintain gas pipes and mains under the streets and avenues of said City are of very much less value than the said tunnel franchises and rights possessed by the said Pennsylvania, New York and Long Island Railroad aforesaid.

Eighth. The mains and pipes of complainant underlie 3,910,571 square feet of the surface of the streets, avenues and public places of the Borough of Manhattan of said City. The assessment of $30,500,000 upon the special franchises of this complainant, including its tangible property in the streets, is, therefore, an assessment of $7.79 for each square foot of street surface which the mains and pipes of complainant underlie. If the value of the complainant's tangible property in the streets is deducted from the amount of the present assessment, the assessment upon the intangible element of complainant's special franchises alone is $6.70 for each square foot of street surface which the mains and pipes of the complainant underlie. The complainant possesses no rights, privileges or franchises upon the surface of the streets of the said City, and this assessment for subsurface rights is grossly excessive.

Ninth. Upon information and belief: All of the street railway companies in Manhattan Borough, having underground trolley systems, have rights for the use of the streets similar to those of complainant, and far more valuable, and yet these street railway special franchises have been valued this year, and for several years last past, at proportionately far less than the special franchises of this complainant. On information and belief, that the assessment of the special franchises of the street railway companies in Manhattan Borough does not exceed $9.00 for each cubic foot of space in the streets occupied by the tracks, conduits and other appurtenances of said companies, as compared with the assessment of $9.66 per cubic foot of space occupied by the mains and pipes of complainant. The special franchises of the street railway companies include the right to use and occupy the surface of the streets, which is a right much more valuable than the exclusively subsurface rights of complainant. The street railway companies also possess the right to occupy the middle and most desirable and most valuable portions of the streets, while the complainant is compelled by the municipal authorities to lay its pipes near the curb line and in the least desirable portions of the street.

Tenth. All telegraph, telephone and electric companies, and all companies in Manhattan Borough having rights for the use of the streets similar to those of the complainant, and far more valuable, have been valued by the State Board for this, and for several years last past, at proportionately far less than said valuation of the complainant's said franchises.

Eleventh. The net earnings of complainant from operation, as shown by its report for the year ending June 30, 1904, were $5,039,669.49, being an increase over the earnings of previous year of $111,270—or an increase of 2.25 per cent. The special franchise assessment for 1905, $30,500,000, is an increase over that of 1904, $21,900,000, of $8,600,000, or an increase of 39.27 per cent. The rate of increase in the assessment is, therefore, 17.45 times as great as the rate of increase in earnings. The tax upon the increase of the special franchise assessment at the prevailing rate of taxation in New York City, will be $137,600, which is greater than the increase in the net earnings of complainant, $111,270; in other words, the increased tax upon the special franchise, based upon the present assessment, will exhaust the increased net earnings. The large increase in the present assessment, therefore, effects a confiscation of the entire amount of the increased earnings of the complainant, and notwithstanding the greater volume of business transacted and the greater profit realized therefrom during the last year, the profits of the complainant, after the payment of taxes, will be less than during the previous year.

Twelfth. Complainant further alleges that said assessment is unequal in that it has been made at a higher proportionate valuation than the assessment of other land, real estate and real property in the City of New York, and especially in the Borough of Manhattan, in said City, and of other land, real estate and real property in the State of New York outside of said City, and your complainant specifies all the land, real estate and real property in the City of New York and each and every parcel thereof upon the assessment rolls of said City as instances in which such inequality exists, and of the extent thereof; that the said assessment is 25 per cent. higher than the assessment of all other land, real estate and real property in the City of New York on the same roll, made by the Department of Taxes and Assessments of said City. Complainant further shows said assessment and valuation is unequal in that it is far greater than the assessments placed on similar real property in said New York City by said State Board, and complainant cites as instances of said inequality each and every assessment upon special franchises in said New York City, as fixed by said State Board.

Thirteenth. Complainant further alleges that said assessment is illegal and erroneous, not only by reason of the over

valuations and inequalities hereinbefore stated, but also for the reason that Chapter 712 of the Laws of 1899, as amended, under which this Board assumed to and did make such assessment and valuation is unconstitutional and void and confers no power or authority upon this Board to make said assessment or valuation.

Fourteenth. Complainant further alleges that such assessment is illegal and erroneous in that Chapter 712 of the Laws of 1899, under which Act said State Board assumed to and did make this assessment and valuation is unconstitutional and void, in that it violates Article 10, Section 2, of the Constitution of the State of New York; that it attempts to confer jurisdiction, powers and functions upon the State Board of Tax Commissioners which under the Constitution can only be exercised by local assessors selected by the locality in which the tax is sought to be collected.

Fifteenth. Complainant further alleges that said assessment and valuation is illegal and erroneous in that said Board has included therein, not only the value of all franchises, rights, authority and permission to construct, maintain and operate in, under, above, upon or through the streets, highways and public places of the City of New York, the mains, pipes, etc., of the complainant, with their appurtenances for conducting gas but has also included therein the franchises of said company to make and sell gas. These franchises are all valuable ones, but under Chapter 712 of the Laws of 1899 cannot be included in the assessment and valuation of special franchises.

Sixteenth. Complaint further alleges that said assessment is illegal in that the same is in violation of those provisions of the Constitution of the State of New York and the Constitution of the United States which prohibit the taking of property without the due process of law, for the reason that said statute, viz., Chapter 712 of the Laws of 1899, and all amendments thereto, which said State Board claims confers upon it the right, power and authority to act in the premises, and to fix and determine the valuation of said rights, permissions and franchises, did not or do not prescribe any definite rule, method or principle of valuation of such rights, permissions and franchises, and is so vague and indefinite that it cannot be administered by the taxing officer or enforced by the courts, and said State Board in fixing and determining the valuation of such rights, permissions and franchises, did not follow or apply any rule, method or principle of valuation, but fixed said assessment arbitrarily and without evidence of the value of said rights, permissions and franchises.

Seventeenth. Complainant further alleges that said assessment is further illegal for the reason that said statute, viz., Chapter 712 of the Laws of 1899, and all amendments thereto,

under which said State Board assumed to and did make said assessment and valuation, is in conflict with and in violation of those provisions of the Constitution of the United States, which provide that no State shall deny to any person within its jurisdiction the equal protection of the laws.

Eighteenth. Complainant further alleges that said assessment and valuation is illegal and erroneous in that this Board has omitted to assess and value separately the tangible and intangible property constituting said special franchises.

Nineteenth. Complainant further alleges that said assessment and valuation is illegal and erroneous in that said Board has failed therein to separately fix and determine the valuation of each special franchise of the complainant or to state which special franchise or special franchises of the complainant are included in its assessment.

Twentieth. Complainant further alleges that by reason of said unequal, erroneous and illegal assessment and valuation, it will sustain injury and damage.

CONSOLIDATED GAS COMPANY,
By R. A. CARTER, *Secretary.*

DEFENDANT'S EXHIBITS AAA12, AAA13, AAA14, AAA15.

Several sub poenas Not printed.

MARCH 1, 1886.

DEFENDANT'S EXHIBIT AAA16

REPORT

Of Special Committee of Senate to Investigate Lighting Companies.

To the Senate:

The following is a resolution of the Senate, under which this committee was appointed:

"WHEREAS, It appears by the records of the Secretary of State, that the New York, Manhattan, Metropolitan, Municipal, Knickerbocker and Harlem Gas Companies are the only corporations that have consolidated, pursuant to the provisions of chapter 367 of the Laws 1884; and

"WHEREAS, The total share capital of said companies prior to said consolidation was represented by the par value of seventeen millions of dollars; and

"WHEREAS, It appears in evidence, before a special committee of the Senate, that the said par value is represented in the said consolidation by a nominal share capital of $35,140,000, par value, which it has been alleged, is beyond the fair aggregate value of the property, franchises and rights, of the said constituent companies as required by said act; therefore,

"RESOLVED, That a special committee of three senators be appointed by the President of the Senate and directed to investigate the said consolidation and capitalization, and to report at the next session of the Legislature whether in fact said

statute has been evaded, disregarded or in any manner violated, and whether the said consolidation has been capitalized on the said basis of 'the fair aggregate value of the property, franchises and rights' of its constituent companies, or otherwise; and what legislation, if any, in respect to lighting companies, is required by the public interests; and that such committee have power to send for persons and papers and to employ a stenographer, counsel and experts for the purpose of aiding in such investigation."

The nominal capital of the Consolidated Gas Company of New York on the 11th day of November, 1884, was $39,078,000.

The aggregate nominal capital of all the companies which entered into the consolidation was, on the same day, $17,000,000.

No capital of any kind was contributed to the Consolidated Company except that which was transferred to it by the several constituent companies. Of the property so transferred, the sum of $2,139,089 was returned to the shareholders of these several companies.

These facts having been ascertained, the question seemed to be this, namely: How is it that upwards of $2,000,000 taken from $17,000,000 leaves a little more than $39,000,000? The difficulty of finding a satisfactory answer was increased, if possible, when it was found that this nominal capital of $17,000,000 represented an actual capital of only $15,500,000.

At this point in the investigation the question seemed to resolve itself into this, viz: How has a capital of $15,500,000 become a nominal capital of $39,078,000 by a simple change of form, without any addition to the capital, but accompanied, on the contrary, by the withdrawal of $2,139,089?

The committee was not disposed to assume hastily that this was a mere device designed to put the new company in a more secure and favorable position than that occupied by the old for exacting undue profits by over-taxing the consumers of gas.

Expert accountants were employed to examine the books of the companies named in the foregoing resolution. In order to reach well assured conclusions, and do justice to all concerned, it was necessary to cause an examination to be made of the entire financial history of each of the gas companies which entered into the scheme of consolidation. This inquiry covered a period of about sixty-two years, beginning with the organization of the New York Gas-Light Company in 1823. Without that investigation it would be impossible to ascertain the actual capital of each of the companies as distinguished from that which does not represent any money or other property contributed by their shareholders.

The want of exact and sufficient information accounts for a large part of the ineffective and unstable legislation with which our statute books are encumbered.

The committee believed that in obtaining such information in regard to the gas companies in question, the legislature would not only be better able to act intelligently concerning them, but would also find valuable suggestion upon the general subject of corporate capitalization, and its effect upon the prices which the public are required to pay for whatever is furnished by incorporated companies.

Flat Capital.

The issuing of watered stock is an adulteration of capital—an increase in volume without a corresponding increase in intrinsic value. Such stock does not represent actual capital paid or invested. It becomes an instrument whereby additional burdens may be imposed upon the people. It furnishes a pretext for adding to the cost of commodities furnished and services rendered. It creates conditions favorable to frauds and corruptions. It enables the few to become immensely rich at the expense of the many. It is the root of a tree which exhausts the soil and exhales poison. It is an increasingly prevalent evil. Fiat money has been discarded. It remains to be seen whether or not there is intelligence and virtue enough to discard *fiat capital* also, and effectually prohibit it as an element in business. Both are alike in violation of first principles, and therefore inevitably mischievous in result. Until fictitious capitalization shall cease, business cannot rest upon a stable basis, nor be conducted in a normal and healthy manner. Hence, it is greatly important that the origin, methods and results of such capitalization should be accurately understood; and the sooner this is done the better for all concerned.

Until this unnatural and disturbing element is removed, the people will look in vain for relief from the unjust and therefore oppressive exactions in the form of overcharges for the common necessities of life.

Corporate capital must be purified. It must *be* what it *seems* to be. The capital of a concern must represent what has been actually put into it. The public served by them should pay such prices as will enable stockholders to receive a reasonable per cent. of profit upon the actual capital investment in the business and represented by its share capital. The reasonableness of profits depends on the risks involved when the capital was invested, on the returns which the capital has already received, and on the present and prospective security of the enterprise.

Corporations not Antagonized.

Nothing in this report is intended to antagonize corporations as such, but only to expose and help to eradicate that which

is itself in necessary opposition to all legitimate interests affected by them.

The rights of corporations are as real as those of individuals. In fact they are but an organic aggregation of individual rights. Such associations of capital are demanded by the enterprises and civilization which they advance. The real interests and rights of corporations are to be guarded as carefully as those of individuals. When all those rights and interests are ascertained and freed from intruding abuses they will be found to be in harmony. The proper conservation of corporate rights requires that they be dissociated from corporate abuses. And it is according to the nature of things that the sooner abuses are extirpated the better for all legitimate interests. They are essentially destructive.

EXACT INFORMATION ESSENTIAL.

In order to proceed intelligently and wisely in the treatment of the associated capital under investigation and the public interests concerned in its use, there must be something more than general impressions. There must be thorough inquiry into the exact facts of the case. Such inquiry has been made in relation to the gas companies which consolidated or attempted to consolidate on the 11th day of November, 1884.

The examination into the books of the constituent companies (except those of the Knickerbocker, showing the original capitalization, which books were missing), has fully disclosed their financial history.

That examination shows exactly *what capital has been put into the several companies, what profits have been taken out by the shareholders, and what they claim to have left in their own hands.*

All the profits that have been distributed to the shareholders, and all that remains in their hands over and above what they have actually invested can come from only two sources. First and chiefly from the consumers, and secondly from the natural rise in the value of property.

SOME EFFECTS OF STOCK-WATERING UPON CONSUMERS.

The capital of a company may be regarded as the basis on which the per cent. of profits or dividends is computed. These dividends constitute an important element in the price of gas to the consumers. The amount of this element of cost is determined by two factors, viz.: The amount of capital on which the dividend is to be distributed, and the rate by which it is to be computed. The increase of either will ultimately involve an increase of cost to the public, or obstruct the operation of other causes tending to its reduction.

It is a matter of indifference, so far as the *immediate* result to the consumer is concerned, whether the nominal capital be

doubled without increasing the actual capital, or the rate per cent. of the dividend be doubled. For example, twenty-one per cent. upon an actual capital of $1,000,000 is the same as seven per cent. upon a watered or fictitious capital of $3,000,000.

We say the *immediate* result is the same. The effect, however, in the long run, is very different. Under a scheme of misrepresentation of capital, unreasonable charges are comparatively easy, because they are made under a disguise which gives them the appearance of respectability. A price to the consumer, which involves a profit of seven per cent., seems reasonable and therefore tolerable, while a price involving a profit of twenty-one per cent. might seem unreasonable and intolerable. FICTITIOUS CAPITALIZATION, *therefore, becomes* A COVER FOR UNJUST AND OPPRESSIVE EXACTIONS.

CORPORATIONS BOUND TO FURNISH NECESSITIES AT REASONABLE PRICES.

Corporations deriving their existence and power from the public for the purpose of providing the common necessities of life, such as light, water and transportation, ought to furnish those necessities at reasonable prices. Not to do this is to turn against the people a power derived from themselves.

If a company were disposed to disregard the rights of the public in this respect, it would, nevertheless, be entirely willing that the law should fix the maximum rate of profits to the shareholders, provided the company is allowed to fix the amount of nominal capital. If, for example, a company having an actual capital of $1,000,000 were determined to derive an annual net income for distribution among its stockholders, to the amount of $350,000, the company would be quite willing that the maximum rate of dividend should be fixed by law at seven per cent., provided the company is left at liberty to adulterate, to fictitiously increase, to water its stock by making its nominal capital $5,000,000; in other words, by adding to its actual capital $4,000,000 of FIAT STOCK. In the one case the transaction shows *upon its face* that exorbitant charges have been made, while in the other the profits *seem* reasonable, but *are in fact* equally excessive and unreasonable. It is obvious that limiting the rate of dividends affords the public no protection against exorbitant charges, unless at the same time the nominal capital is made to agree with the actual.

These statements illustrate some of the injurious effects upon the consumer resulting from the watering of stock.

STOCKHOLDERS LIABLE TO SUFFER FROM FALSE CAPITALIZATION.

But the evil is by no means confined to the consumers. *The stockholders themselves, or some of them, are liable to suffer still more from false capitalization.*

Those who issue this fiat stock, which represents no increase

of actual capital, may, and in many cases doubtless do, make themselves rich. Immense fortunes have been made in that way. But their accumulated wealth must come out of somebody else. If a gas company, for example, it must come out of the pockets of the consumers or out of the new stockholders, or both. If the stock thus watered maintains itself in a good dividend-paying condition the loss falls upon the consumers, who pay the prices necessary to accomplish that result. Otherwise the stock itself falls in value, and its holders suffer the loss. In that case the market value of the stock may for a time be kept up by artificial means—such as manipulating stocks and borrowing money with which to pay unearned dividends—until those who profited by the fictitious issue have quietly retired from the concern, leaving the other shareholders to bear the loss.

In addition to those losses should be noticed the injurious effects of the speculative spirit and deceptive methods developed and fostered in the community by practices such as those above mentioned.

Illustration of Stock Watering.

A careful examination of the evidence accompanying the report furnishes ample illustration of the evils above suggested.

For the sake of a more clear and authoritative statement of the false methods against which the public should guard itself, let us take the case of one of the companies which combined with others to constitute the Consolidated Gas Company of New York. We present some of the salient facts in the history of the New York Gas-Light Company as the same are established by the evidence given before the Committee.

This company was organized with a proposed capital of $1,000,000. Of this amount, $750,000 was paid in during the period from 1823 to 1838, inclusive. No further capital was ever paid in. But in 1861 the nominal capital was increased by $250,000, making the total nominal capital $1,000,000. It is to be observed that when this addition was made no new capital was created. The company simply said, let there be more capital, and there was more capital, by transferring from the surplus profits to the credit of stock account. This was a mere matter of bookkeeping. During the next nine years the nominal capital remained $1,000,000. In 1871 the company reorganized under a new name, and again increased their capital stock in a similar manner to the extent of $3,000,000, making the total nominal capital $4,000,000. At this time, as before, no new contribution was made to the treasury of the company. The transaction was, in effect, simply a matter of corporate decree and bookkeeping. This amount of capital continued unchanged until November 11, 1884, when the consolidation took effect. At this time the transaction, so far as capitalization is concerned, was similar to the one last mentioned, although effected under different forms of law.

In the transition from the old corporate existence to the new, no addition was made to the actual capital of the New York Company, and yet its stockholders received back from the Consolidated Company an amount of stock not only equal to that which the company had before, but the additional amount of $3,600,000, making in all $7,600,000. This was done under an agreement in pursuance of which the consolidation was effected, and by which the other constituent companies received similar additions to the amount of stock issued to their respective shareholders, without any new contribution to the actual capital employed, to say nothing of the amount actually withdrawn as before stated, and distributed among the shareholders.

It appears, therefore, that of this $7,600,000, being the par value of the consolidated stock issued to the stockholders of the New York Company, only $750,000 was ever actually paid in by its shareholders. That is to say, only ten per cent. of that part of the Consolidated stock, which was assigned to the New York Company was actually paid in by its stockholders. The remaining ninety per cent. was added by simple vote of the company, the last increase being consented to by the other constituent companies in consideration of similar additions to each of them respectively. This addition of ninety per cent., therefore, either represented no intrinsic value, or only such as arose from the natural increase, if any, of some of its properties, and from the charges exacted from the consumers over and above the enormous profits that had already been distributed among the stockholders from year to year. How small this natural increase has been will hereafter appear. What these profits were will also fully appear from the annexed report of Mr. Yalden, the expert accountant (see appendix D, at page 635, particularly at page 775, which gives the benefits derived by the stockholders of this and the other constituent companies. Mr. Yalden's thorough investigations have drawn from the records of a vast number of transactions the facts upon which in large measure the conclusions arrived at by the committee have been based.

What is true of the New York Gas-light Company is substantially true of the other companies, the difference being only in degree.

How the Actual Capital of the Constituent Companies was Contributed.

It also appeared by the evidence that the stockholders of the several companies had contributed in the aggregate only $8,727,050 in cash; and that $2,488,250 par value of stock had been issued in payment for patents and other properties; and that $4,284,170 had been transferred from surplus profits to the capital account.

This sum of $4,284,170, was in effect contributed by the gas

consumers. It was derived from revenues obtained wholly from them, not in lieu of a dividend so derived, but in addition to dividends enormously large, as will hereafter appear. If, therefore, the aggregate capital stock of the constituent companies had been $15,500,000, the amount of the three items given above, and if such price had been charged for gas as would enable the companies to distribute among its shareholders in the form of dividends what should be regarded as a fair rate per cent. of profit, it would even then have been true that the consumers themselves had contributed more than a quarter of the basis on which such dividends would be predicated. But the evidence shows that the nominal capital of the constituent companies immediately before and at the time of the consolidation was $17,000,000; and that in pursuance of an agreement between those companies, all their working capital, amounting to $2,139,089, was returned to their stockholders, thereby reducing the aggregate amount of capital by so much.

EFFECT OF FICTITIOUS CAPITALIZATION UPON GAS CONSUMERS OF NEW YORK CITY.

It remains to apply some of the foregoing suggestions to the particular case in mind, and to consider *how this fictitious capitalization affects the gas consumers of New York City; and how it is liable to affect the holders of the watered stock.*

As has been stated, the amount of dividends paid to stockholders is an important element in the price of gas.

If the aggregate amount of the dividends is more than a fair per cent. of profit upon the capital invested, all of that excess must come out of the pockets of the consumers and is to that extent an unjust and oppressive burden upon them; and it makes no immediate difference to them whether this aggregate amount of dividend is derived from an exorbitant rate of profit upon the real capital, or from a lower rate upon a watered capital. It is a matter of simple arithmetical computation to show that seven per cent. upon $39,078,000—the amount of capital stock issued by the Consolidated Company is about the same as sixteen and nine one-hundredths per cent. upon $17,000,000—the nominal capital just prior to consolidation and about the same as twenty-four and twenty-eight one-hundredths per cent. upon $11,215,300, the actual share capital representing shares issued for money and property of the constituent companies.

It is plain that the present cost to the consumers is the same whether they pay such a price for gas as shall yield a dividend of 24.28 per cent. on the amount of actual capital; or 16.09 per cent. upon the capital just prior to consolidation, or seven per cent. upon the stock of the consolidated company in its present greatly watered state.

So much for the *present* effect upon the consumers. As to the future effect it is obvious that it would be easier to increase a nominal 7 per cent. dividend that it would be to raise one of 16 or 24 per cent. The people might submit to the former because its real character is obscured by the fictitious capitalization on which it is paid; while the same public would not tolerate the larger per cent. appearing as it really is without any artificial disguise.

If the gas consumers had known that the stockholders of the New York Company had put into the concern only $750,000; that they had taken out of it in the form of dividends $15,274,078; or $9,814,225 in excess of ten per cent. upon the nominal capital, and that when the consolidation arrangement was entered into they claimed to have left in their hands $7,600,000, that being the par value of the consolidated stock issued to the shareholders of the New York Company; if al these things had been known as they occurred, it cannot be supposed that the company could have charged a price large enough to enable them to attain such results. Knowledge of the facts would have created such a demand for reduction in the price of gas that the company could not have withstood it.

So under the present consolidation, if the public can be made to believe that they are being charged such a price for gas as enables the new company to realize only seven per cent. of profit upon the capital invested, no one will complain. They might even be allowed to increase somewhat their rate of profit. But if the people understand that the nominal capital is greatly watered—that seven per cent. on the nominal capital means more than twice seven per cent. on the actual capital, that it means three times more than seven per cent. on the amount actually invested by the stockholders, apart from that which was derived from the consumers, then it may well be doubted whether the people will long consent to the payment of a tax upon a necessity which yields to the company such unreasonable profits. Hence it is greatly important that the people should know the true state of the case. What is reasonable the people in general are willing to have done, but an unreasonable and exhorbitant charge they ought not to submit to.

Uniformity of Price of Gas Throughout the State Impossible.

There cannot be a uniform price of gas throughout the State. The price must vary in different places according to the cost of labor and material used and the amount of gas consumed. A price that would yield a net profit of 100 per cent. in the city of New York might yield no profit at all in a village or small city. In London it can be made cheaper than in New York. But there is one condition of universal application. *Fictitious capitalization tends to increase the price everywhere.*

HONEST CAPITALIZATION ESSENTIAL TO FAIR PRICE OF GAS.

If, therefore, the price of gas is to be reduced to a fair and reasonable amount, it becomes a matter of obvious and prime necessity that the public, from which all chattered rights and franchises proceed, should see to it that illegitimate stocks shall not impose upon them illegitimate burdens; that corporate "rights" shall not be perverted into instruments of public wrongs. That this has been done by the gas companies of the city of New York, which your committee was directed to investigate, has been demonstrated by ample and incontrovertible evidence. We are not criticising men or motives. That is not within our province. We are exposing methods and their results. In doing this we indicate the objective points that must be aimed at in any attempt to provide an effective remedy. *Stock watering must be prohibited.* It must be looked upon as an instrument of extortion. It must be frowned upon as a species of dishonesty. If it has not hitherto been regarded as such, and, if good men have engaged in it, the popular conscience cannot too soon be quickened or the popular judgment too soon rectified. If this species of unjust gains is now under the protection of law, that protection cannot be withdrawn too soon. The shield of law should become a sword.

CORPORATIONS MUST ACCOUNT TO THE PUBLIC.

Prompt and entire accountability to the public should be made the law of all corporate dealings with the people. Complete reports of such dealings should be made at regular and frequent intervals, such, for example, as are required in Great Britain. These reports should be put within easy reach of the people. Legitimate capital with fair, frank dealing and a consequent mutual good understanding will result in reasonable prices to the consumer and reasonable profits to the companies.

OTHER LEGISLATIVE REMEDIES are necessary in order to supplement those above suggested. The legislature should provide for testing, by public authority, the purity of gas, its illuminating power and its measurement. These are matters which cannot safely be left to individuals. They lack the means of doing it. This falls within the range of purposes for which organized society exists.

The evidence at pages 548 and 549 shows that by altering the radius, which forms a part of the meter, the gas passing through it may be made to register too little or too much, according as it is made longer or shorter; as a clock may be made to go too fast or too slow by shortening or lengthening the pendulum. We do not say that frauds have been committed by this means, but we do say that frauds might easily be perpetrated, and that legal safeguards should be provided against such liability.

Waste of Gas and Injury to Health.

In this connection it may be useful to call attention to a very important matter which appears in the evidence on pages 552, 553 and 554. It is there stated that only about one-half of the gas that passes through the burner is consumed, and thereby converted into light. If this evidence, which is confirmed by other testimony, be correct, it must follow that about one-half of the gas which the consumer pays for is wasted, and, what is of still more serious consequence, the portion of gas which is unconsumed passes into the air and poisons it. In this way the health of the people is being steadily and stealthily injured. Thus, the consumer not only pays for that which lights his dwelling, but also for that which impairs vigor and causes disease and death. The evidence shows that when the pressure at the burner is too great the gas escapes so rapidly that imperfect combustion takes place, causing the waste and injury above mentioned. It further appears that the companies can increase this pressure, thereby increasing both gas-bills and doctor's bills. Provision should be made by law for ascertaining whether or not that power is exercised. It is due to the companies to say that they should be held responsible for this waste and injury to health only so far as it may be produced by a pressure applied by them in excess of what is necessary in order to distribute the gas to all parts of the territory covered by their operations.

The Gas Problem.

It is obvious that the gas problem involves much more than the price per thousand cubic feet, as shown by the gas bill. It involves at least these four questions:

1. How to get the best attainable gas.
2. How to get it at a far price.
3. How to permit no more to escape than can be consumed and converted into light; and
4. How to secure an accurate measurement of the gas so used.

The special attention of your committee was directed to the second of the above questions, and to that as affected by the alleged false capitalization. Hence the other matters, while not wholly overlooked, have received less consideration than their importance deserves, for the reason that the committee could better serve the public by making an extensive examination into the matter specifically set forth in the resolution, than by a more equal distribution of its labors among a variety of subjects which, if time permitted, might come within the scope of its duties.

Excessive Actual Capital Increases Price.

In connection with the subject of fictitious capitalization it is worthy of observation also that *there should not be an unnecessarily large amount of actual capital employed.* This

would seem to be so obvious as to forbid mention were it not for the fact that its neglect has done much harm. It is often necessary to revive neglected truism, and the greatest difficulty is often experienced in setting them in their proper working relations. The evidence before your Committee has shown that the Consolidated Companies have more capital than is actually employed, or than is necessary for the results which are being accomplished. That is to say, the nominal capital is not only greatly in excess of the real capital, but the latter is in excess of what is needed for making and distributing the amount of gas furnished. The result, so far as the consumers are concerned, therefore, is that they are paying a price for gas which enables the companies to distribute a dividend not only upon watered, fictitious stock, but also, though *in a far less degree,* upon necessary capital.

A regulated monopoly, such as that which exists in London, by which watered stock is excluded, and which affords the best conditions for adjusting the amount of actual capital employed to actual requirements is the most economical system that has been devised. The word "monopoly" may tend to deter from its adoption. An unregulated monopoly such as prevails now to very great extent in New York is perhaps about as bad as could be devised.

The New York city plan of UNREGULATED MONOPOLY ought to be abandoned at once. If the London plan of strictly limited and regulated monopoly does not meet with favor then there should be provided a system of regulated competition. Not unlimited competition, but one that shall be subject to such strict and well-defined regulations as economy and mutually fair dealings between the companies and the public may require.

STOCK-WATERING TO BE EXCLUDED AS A DISGUISED MEANS OF IMPOSING UNJUST AND, THEREFORE, OPPRESSIVE BURDENS UPON THE PEOPLE.

The full development of the true system will of course require time and much patient attention to details. But your committee desire to make as emphatic as possible, the inevitable injustice and burdens that result from a false or watered capitalization. Its utter exclusion is the beginning of success in attempting to get gas at a fair price. What is true in this respect of gas companies in New York city, is true of gas companies everywhere, and what is true of gas companies is equally true of other corporations. Watered stock in any of them is an instrument for exacting unjust gains at the public expense, and should be excluded from them all.

The committee has indulged the hopes that in attempting to disclose the injustice and evils resulting from fiat gas stock, the attention of the public may be so drawn to the general subject of fictitious capitalization and the public burdens thereby imposed, as shall lead to the correction of similar abuses in other

corporations. The people have very little conception of how much they are paying yearly in the form of increased prices for

TRIBUTE TO WATERED STOCK

many of necessities of life. It must be understood that corporate franchises are granted by the public for the public good, and not to promote private speculation.

FALSE CAPITALIZATION PROMOTES OFFICIAL CORRUPTION.

The difficulty in dealing with the subject of fictitious capitalization, and the evils resulting from it, increases as corporations multiply and grow strong under the inadequate provisions of existing law. Hence, there should be prompt and radical remedial legislation. The axe must be laid at the root of the abuses.

The evil furnishes the means for its own perpetuation—a false capitalization naturally tends to other forms of dishonesty. It creates inducements to corruption and provides the means of effecting it. If, for example, a company requiring only half a million of actual capital for carrying on a given enterprise issues in addition an unnecessary and fictitious stock of two millions, it is easy to see that a possible corruption fund is at hand with at least the temptation to use it both to cover up what has been done and to secure a continuance of the same. It cannot be doubted that much of the alleged bribery that has scandalized legislation and political conduct and debauched the moral sense of the people is due to the evil to which we refer. The rights of the public are believed to be bartered away by money obtained from the people themselves, who pay the over charges made necessary by the over capitalization and by whatever is corruptly expended to promote or defeat legislation. The Consolidated Gas Company of the City of New York is an example in point. By means of its fictitious capitalization its managers has the *power* to provide the funds necessary for buying the votes of legislators for the purpose of thwarting the efforts of the people to obtain relief from unjust burdens, provided enough legislators were purchasable; in which case the company *could* say to the people with an air of confidence, "What are you going to do about it?"

INDIFFERENCE TO BRIBERY—ITS DANGER.

Whether or not the alarming scandals so notoriously common both before and after the close of the last session, as to the use of that power were true is a matter in which the deepest interest ought to be felt. *General indifference to bribery is more alarming than the act itself.* The supremacy of the popular will cannot long survive the debasement of the popular conscience. When men come to speak lightly of giving and taking bribes; when this comes to be looked upon as "practical" business or politics; when corporations deriving their powers and their profits from the people use both to corrupt their representatives;

when these things are tolerated, there is the most imperative need of reformation before the evil becomes so great as to invite revolution.

No legitimate effort should be spared to ascertain the truth or falsity of the allegations of corruption in connection with the defeat of the proposed gas legislation in 1885. If the offenses were not committed, it is injurious to the public to permit itself to become familiar with charges of corruption. The familiarity itself tends to dull the moral perceptions and sear the public conscience.

Bribery tends to defeat the popular will. It is an attack upon popular government. It is treason against popular sovereignty, and should be treated as such. Any thing short of that is danger at a vital point.

THE FAIR AGGREGATE VALUE OF THE PROPERTY, RIGHTS, AND FRANCHISES OF THE CONSTITUENT COMPANIES.

The Consolidated Gas Company assumed to organize under chapter 367 of the Laws of 1884. The promoters of that scheme had procured, in the manner hereinafter referred to, the passage of that act for the purpose of this consolidation. It was a general law for this special purpose. It provided that the several companies proposing to combine and reorganize might do so with a capital determined upon a basis of "the fair aggregate value of the property, franchises and rights" of its constituent companies. Was that done? Was $39,078,000 such value?

The words property, franchises and rights of the companies included everything which they owned or could rightfully claim to own. They owned certain lots of land with buildings and plant upon them, together with whatever might be employed by them in the manufacture and distribution of gas. To these they had an absolute right except so far as that right might be affected by liens upon them. They also had a conditional and revokable right to use that property for that purpose. This was all they had or could rightfully claim to have.

The cost of property affords some aid in ascertaining its value, especially when purchased in the ordinary course of mercantile transactions. In some cases that value may subsequently be increased. In others it may be diminished. The land, considered simply as vacant lots belonging to the companies, was worth more at the time of consolidation than when it was purchased. While on the other hand the structures upon them and the mains, services, meters, etc., were subject to deterioration. Their value is still further reduced below cost by the displacement of some of the properties made necessary by the introduction of improved methods, the property being thereby rendered comparatively valueless.

The books of the companies show that the entire cost of the

property, including patent rights, was between twenty and twenty-one million dollars, for which the companies were still owing upwards of $2,000,000.

By applying the cost test, without claiming for it anything more than a means of approximation to the value, we find, after making due allowance for both appreciation and depreciation, that the value of all their properties is about equal to the aggregate share capital of the companies prior to consolidation.

Another mode of arriving at the fair value is by ascertaining what it would cost at the time of consolidation to duplicate the property. It may safely be inferred from all the evidence that about $15,000,000 would be ample for that purpose; that an actual cash capital of that sum would purchase everything necessary for the manufacture and distribution of gas of the best quality and equal in amount to the total quantity of gas furnished by all the consistent companies prior to consolidation, or by the consolidated company since that time. See evidence, pages 397, 494, and elsewhere, as to the amount of capital required. In a comparatively small business a capital of one million of dollars may be required for the daily production of one million cubic feet of gas; but as the business increases the ratio of capital to producing capacity diminishes. So that, while four million of dollars may be required for a producing capacity of four millions of cubic feet per day, a capital of $20,000,000 is adequate to a producing capacity greatly in excess of 20,000,000 cubic feet per day, and upwards of 30,000,000 cubic feet per day.

Hence one million dollars of capital for one million of cubic feet of out-put is not a proper measure of requisite capital as applied to the consolidation.

In addition to the properties above referred to there is nothing left as a basis of valuation except such right as the companies might have in respect to the use of those properties, for the purpose specified, and in the manner in which they were used, including the right to lay mains in the streets, etc.

So far as the committee are aware none of these rights were granted for a specified time, except the contracts with the city which are made from year to year. But it was doubtless expected that their privileges would be enjoyed continuously, *provided*, and this is a vital point in the case, provided the privilege so to do is not forfeited by its abuse. This privilege, this so-called franchise or right is a public license to do a given thing during good behavior or for a given period, as the case may be. The State has reserved to itself in express terms the right to annul the charters of corporations. This carries with it the power to revoke all franchises contained in them.

The State has reserved to itself the right to say when the privileges which it has granted have been abused; and *the* when

the public good requires the annulment of such privileges, due regard being had to the rights of all in respect of the property belonging to the corporation. It ought, therefore, to follow that the more those corporate rights and franchises are abused, the more precarious should be the tenure by which they are held, and consequently the less valuable they become. It ought not to be true that the more the corporate privilege is abused and the more flagrantly the rights of the public are violated, the more valuable the franchise becomes; and the more effectively it may continue to be used as an instrument for future exactions.

The "fair" value of corporate property ought not to be increased by the fact that the corporation has made excessive charges at the expense of the public.

It cannot accord with sound public policy that an abused franchise is rendered more valuable by the abuse. It cannot be that the State will put a premium upon exorbitant charges. A forfeited privilege cannot have much "fair value" in the hands of any body.

So far as we are aware no one claims that the "fair aggregate value of the property, franchises and rights" of the constituent companies could by any method of valuation amount to the sum of $39,078,000 except upon the theory that such value is derived from the large amount of profits that had been realized by the companies. But it should be borne in mind that those enormous profits were obtained by the unreasonable and excessive price charged for gas. Their magnitude was proof of the wrong done to the public.

The profits which have already been distributed among the stockholders of the various companies cannot be restored to those from whom they were obtained; but is it not equally obvious that such charges, so far as they are excessive, cannot be a fair basis for increased charges in the future?

The LEGISLATURE ought not to predicate value upon a public wrong.

The quoted prices of the shares of a company are not a proper measure of the "fair value of the property, franchises and rights" of the company in question. The fluctuation in those prices cannot indicate corresponding changes in intrinsic value. According to that standard the consolidated values have varied more than $4,000,000 within less than four months. And about $8,000,000 in a year. According to the same standard, the values of all that belonged to the constituent companies rose from less than $14,000,000 in 1880, when the pooling arrangement took effect, to upwards of $30,000,000, in 1884, when that pooling arrangement developed, as was intended, into the consolidation. The simple truth of the matter is that during that time the passage of an act, known as the two-thirds act, hereinafter referred to, prevented competition, so far as pos-

sible, by companies outside of the pool, while the effect of the pool itself was to prevent competition among themselves. By these means the companies were enabled securely to exact from the consumers those charges for gas, which resulted in the profits elsewhere stated. We have said that the cost of an article is some indication of its value.

This arises from the fact that in most cases the subject of the sale, as a whole, is known to the parties. If a farm, for example, its boundaries, location and the quality of its soil are noted. The whole subject is before the contracting parties.

If, *under such circumstances*, the minds of the buyer and of the seller, with their opposing interest, meet upon a given price, there arises a fair presumption that the price agreed upon will not widely vary from the true value.

But in the case of gas shares a comparatively small part only of the whole property and franchises were before the purchaser. In most cases it is probable that he has but a meager and superficial knowledge of the concern as a whole. He takes it with a degree of artificial and fictitious value, impressed upon it by conditions having no proper effect upon the fair value. The transaction is largely a matter of speculation.

We may safely conclude that the fair value of the property, franchises and rights of a company cannot be measured by the fluctuating and more or less speculative prices obtained for a small fraction of the company's stock.

The sum of $45,000,000 seems to have been arbitrarily taken, not, however, without some objection against its excessive character, as the capital of the new company to be formed by the consolidation of all the pooling companies.

The Mutual finding itself prohibited under penalty from consolidating with the other gas companies, did not enter the consolidation. Hence, the capital was reduced by the amount which had been assigned to the Mutual, leaving the share capital of the consolidation as already stated. So that that sum equally with the $45,000,000 was arbitrarily fixed.

Having determined upon the aggregate amount of share capital, the next and most difficult matter was to distribute it. The contention was as to how each constituent company could get the largest possible fractional part for its shareholders.

Some of the properties were appraised, and the schedules were produced before the committee. In that valuation two things were noticeable:

1. Little or no allowance was made for susperseded, impaired or abandoned works or apparatus, and

2. The valuation included all the rights and franchises which the company had in respect to the use and enjoyment of the properties for distributing as well as for manufacturing gas. Hence it would seem to follow that the valuation so made should be reduced as above suggested.

But instead of this an addition was made. Finding that the predetermined amount of share capital could not be reached by a liberal appraisal of some of the properties, and by nothing deserving the name of appraisal, as to other properties the further sum of $7,781,000 was added for franchises, that being the difference between the proposed sum and that which had been reached without it. The valuation of the items constituting the proposed aggregate seems also to have been made in an arbitrary manner. The value assigned to the lots exclusive of the structures upon them, was, according to the testimony of the expert appraiser, appointed by the committee, about twenty-five per cent. in excess of their proper value, making an over valuation as to this item alone for more than $2,000,000. The evidence shows that there was not such an appraisal of anything as would have been made as between purchaser and seller. There were no purchasers in that transaction; all concerned acted as if vendors, having a common interest in making the total price as large as possible. The Consolidated Company did not capitalize upon the basis of "the fair aggregate value of the property, franchises and rights" of the constituent companies. The law referred to in the resolution has been violated, regard being had to the thing done rather than to the manner of doing it. The substance of the law, as well as the rights of the public, have been disregarded. It is no answer to say that the people have assented to it. The separate individuals composing the public do not meet these corporations upon terms of equality. The consumer is compelled to yield to superior force. It is important to observe also that the companies have hitherto kept their dealings from the knowledge of the public. Prior to this investigation it was not generally known that the entire sum ever contributed in cash by all the constituent companies was only $8,727,000, and in properties the further sum of $2,488,250, and that from this investment they have received upwards of 700 per cent. of benefits, all of which were derived from the people in the form of exorbitant gas bills.

When nominal capital represents only cash or its equivalent; when dividends upon it shall be limited to a reasonable rate; when full publicity shall be given to corporate dealings, and when all this shall be secured by governmental supervision, then may the public expect to obtain pure gas fairly measured and at a reasonable price.

For the purpose of effectuating those results, the committee make the recommendations which may be found at the end of the following summary of the evidence.

Summary of the Evidence Taken Before the Committee and Conclusions.

NO CONCURRENCE BETWEEN THE ACTUAL AND NOMINAL CAPITAL OF THE GAS COMPANIES.

It is established by the evidence, beyond contravention, that the nominal or share capital of the constituent companies affords no accurate information touching their actual capital. Historically considered, their is no period of time during the life of any of these companies when the nominal or share capital exclusively represented either money or property contributed as money, and so constituting a common fund, aggregating a total share capital whereof each stockholder or contributor held certificates for his proportion thereof. On the contrary, contributions of money from subscribers or of shareholders were of rare occurrence; and, compared with the total share capital, of relatively small amounts. In the few instances where the issue of stock appears to have been based on actual property, the true value of the latter never equaled the par value of such an issue.

The nominal share capital appears to have been in each and every instance an arbitrary or fixed aggregate upon which an issue of stock should be founded, and earnings distributed. This is not a theoretical inference, but an incontrovertible statement of fact.

Hence, the nominal or share capital of any or of all of these organizations is useful as a guide only in stating the denominator of fractions representing the respective interests or aliquot portions of the actual aggregate capital owned by the several stockholders.

Again, a large amount of this nominal or share capital represents undistributed earnings. In so far as such earnings have been in fact devoted to the legitimate purposes of permanent capital employed in the business, apart from the usual and current expenses of business and wear and tear of its fairly capitalized properties, there is no sound objection to an actual capitalization of such earnings, so far as the necessities of the business reasonably may require such an increase of actual capital. In those cases the withholding of such surplus earnings from distribution, and their investment in actual property required by the enlargement of the business—not in replacing exhausted properties already capitalized—may fairly be treated as equivalent to cash contributions from those who would otherwise have received such earnings in distribution. Where this has fairly and legitimately been done, so as to result in an increase of actual capital in the true and correct use of that term, no criticism can reasonably be made.

Where, however, this apparent procedure is made the occasion (as it has been in some instances) for an issue of stock without

any concurrent increase of actual property or producing capacity, or where the surplus earnings have been devoted to substituting new or improved processes for worn out, obsolete or unsatisfactory machinery or plant, then such an issue is calculated to deceive both shareholders* and the public; and shortly necessitates higher prices to consumers in order to cover the anticipated dividends upon the extra issue.

In other instances an actual increase of capital has occurred exclusively at the expense of consumers, for the benefit of stockholders, and for the time quite regardless of the nominal or share capital. Thus, loans were made, or bonds issued, for enlargement of works or purchase of real estate, and subsequently paid off from surplus earnings realized from excessive prices of gas—prices fixed with a view to the discharge of such loans. The shareholders thereby realized large accessions to their property without contributing a dollar. Subsequently, under the plea of an increase of values, the nominal share capital would be enlarged and distributed as a scrip dividend; or, it may be, offered to stockholders for subscription and the subscriptions discharged by extra dividends; and upon this new issue of stock, as upon the old, dividends would be paid and the consumers forced to contribute for them in high prices for gas.

Hence, when the *actual* capital was enlarged, the consumers and *not* the shareholders with some rare exceptions elsewhere herein mentioned) contributed to that increase of capital, furnishing in such instances no equities for future dividends or high prices. When the actual capital was on the other hand, in fact, diminished (as by abandonment of material or plant, losses, or extraordinary wear and tear), instead of being replenished by a new issue of shares for which shareholders contributed cash, the consumers also contributed the earnings from which the diminished capital was re-established, affording therefore, in such instances also no equities for future dividends on the lost capital or high prices to insure them.

It is in this connection noteworthy that in the entire history of the New York companies there is no instance where the nominal or share capital was in fact diminished, although it has sometimes occurred that the property thereby represented was, in fact, diminished, and in one case quite destroyed.

It must therefore be conceded that if there be any limitation of dividends, there must primarily be fixed the basis upon which dividends shall be estimated and distributed, and that such basis bears no just or uniform relation to the nominal or share capital of the companies entering into this consolidation.

DIVIDENDS SHOULD BE LIMITED TO HONEST CAPITAL.

It is difficult to state any fair reason why the dividends

*Shareholders then presume the management has in fact increased the capital, whereas it has only schemed to replace some exhausted capital.

should be estimated upon any sum as large as the aggregate share capital of the constituent companies. But it must be conceded as beyond question that on no established principle of industrial finance should dividends be paid on a *nominal* capital of twice that amount.

If the nominal or share capital of the constituent companies before consolidation, in fact represented the *actual* capital contributed or employed in the business, then it was fraud on the public to double it and to invite investment in the swollen shares.

That the actual capital was in fact much less than the aggregate represented by the nominal or share capital is a fact fully proven.

If the properties or accretions were of *greater* value than such an aggregate, then this excess is either profits or actual increase of capital in use.

If profits, it should be distributed. If consisting of enlargements of properties necessary to the conduct of the business, then under proper circumstances and restrictions there would be no sound reason for objecting to a fairly proportionate increase of capital.

The relation sustained by the actual capital used and employed in the business immediately prior (September, 1884), to the consolidation, and in fact used and employed during the year ensuing, having in view at both periods the future necessities of the business, has been made a special topic of inquiry by the committee.

It is proven that the total capital actually in the business and capable of being ascertained, stated and defined, was greater immediately prior to than it was immediately after the consolidation. Since then it has not been increased, but probably has been diminished by dividends. It is also proven that more capital was in actual use by the constituent companies immediately before consolidation than has been in use or is required for the business of the so-called Consolidated Company.

Thus the total capital actually in use in the business of the constituent companies—if represented by their aggregate nominal or share capital—was $17,000,000. The owners of these shares, however, in attaining their consolidation, withdrew from their common funds, under various pretexts, sums aggregating $2,139,089 (see testimony page 460). In fact these constituent companies turned over to the new consolidated concern only their plant, properties, services and mains, and no working capital. What had been their then working capital, such as supplies, customers' balances, cash, etc., amounting to $2,139,089, was retained for and distributed among themselves under the guise of extra dividends and other-

wise. By this method not only were the total assets diminished, but the actual capital of the consolidated concern was impaired by at least $2,139,089 less than the aggregated capital of its uniting constituences.

The working capital of the new concern must therefore be created out of earnings, or else by the sale of new stock; and no new stock, the officers testified had been sold.

In fact there is nothing to prevent this additional stock, or any other stock that may be issued to replace convertible bonds purposely made, being distributed as a bonus.

Why under these circumstances the nominal or share capital of the new concern should exceed the figures which its owners had selected to represent the total nominal or share capital of the constituent companies, is a question that must be explained upon the principle that the nominal or share capital bears no fixt relation to the actual capital of the companies.

This, in fact, is further demonstrated by the entire history and management of all the companies, and must be assigned also as the theory on which all their business has hitherto been conducted.

In all discussions, therefore, whether in aid of legislation or to fix a fair price for gas, or to arrive at a proper dividends, or for any other purpose—except to write a figurative or market value for stock—it should be assumed that actual capital is in the case before us an absolutely distinct and different thing from share capital, which is nominal capital.

WHAT IS THE ACTUAL CAPITAL OF THE CONSOLIDATION.

The whole is not greater than the sum of all its parts. No legislation, financial jugglery, or gas economies can disturb this proposition. Besides, as we have seen, the combined capital in this case is actually less than the sum total of what had been enjoyed by the constituent companies.

It should also further, in this connection, be considered, whether or no all the property represented by the capital of the constituent companies, and owned and transferred by them, is property or capital necessary, or in reasonable time likely to become necessary for the conduct of the business. If not, then there is no justice or propriety in charging such prices for gas as may be necessary to include dividends upon an excessive and unproductive capital.

It is in proof that more property is owned by the combined companies than is useful for the manufacture and sale of gas; and also that the producing capacity of the works now in use can be largely increased if not doubled and trebled without using works which are now closed, and in which capital of some of the constituent companies was invested.

Should not such properties be disposed of and the invest-

ment they represent be withdrawn from the expectation of dividend and from forming a consequent element in the cost or price of gas? Questions of this character are of wider scope than the self interest of stockholders, or managers, exclusively in their interest, and demand for their solution some intervention in behalf of the public. *In the absence of adequate statutory provisions some public authority should exist to regulate, within reasonable limits, the properties or permanent investments on which dividends are to be rated, and charges made against the public.*

That there is some property or investment of a permanent character which is not in use, or required for production, and which is not fairly requisite in any aspect for the conduct of the business is, upon the evidence, one of the inevitable conclusions of fact. The precise dimensions of this burden, or extent in figures of this extra investment, may fairly be inferred from the testimony submitted; but the committee withhold any opinion on that subject as not essential to their present conclusions. Such an opinion, however, should form an element in ascertaining or establishing a maximum price for gas, and a maximum dividend for gas stock. Notwithstanding extra or unnecessary investments all such items are included within the totals mentioned by your Committee in considering the actual and real, as distinguished from the constructive or nominal share capital of the consolidation.

How to Ascertain the Actual Capital.

In ascertaining the cash capital of the consolidation values should, in the first instance, be disregarded, and the united capital of the constituencies stated. Whether the law does or does not favor excessive capitalization by making the same distinction between a *lawful* capital and an *actual* capital, is a question that is herein elsewhere considered.

The actual capital attributed by stockholders (at the time and in the manner particularized in the expert tables, pp. 661-777), of the several constituent companies was as follows:

Manhattan	$3,280,00
New York	750,00
Metropolitan	2,312,30
Municipal	2,312,30
Knickerbocker	1,569,07
Harlem	
Total stockholders' contributions	$8,727,05

This sum ($8,727,050) represents the actual capital of all the constituent companies. Nor is it the initial capital of these companies.

For instance: The New York Company, with an authorized capital in 1823 of $1,000,000, commenced business with $200,000 paid in, which was increased from time to time until in 1838 the entire amount of $750,000 had been contributed. Since that time nothing has been contributed by its stockholders, unless undistributed earnings, not received as dividends but left in the business, be regarded as such contributions. These amounts are mentioned hereafter.

The Manhattan Company with an authorized capital in 1830 of $500,000, commenced business with $500,000 paid in. This was from time to time increased until by 1856 $1,200,000 had been contributed; and by 1866 the entire sum of $3,280,000 had been contributed in cash by stockholders. These being the two oldest companies, further history of stockholders' contributions need not be recapitulated. The items will be found in the evidence. (See pp. 661, 662, 695, 775.)

It having been suggested that earnings withdrawn from distribution and permanently invested in enlargment of works or property required by the current or probable and reasonable demands of the business, should be regarded as capital, the amounts of surplus profits carried by the companies to what they have treated as capital account, are stated respectively as follows:

Manhattan	$720,000
New York	3,250,000
Municipal / Knickerbocker	34,790
Harlem	280,000
Paid to capital from surplus profits	$4,284,700

In addition to this sum large amounts of surplus profits have been expended for apparatus, construction of bulkheads, buildings, plant and various purposes of a permanent, as distinguished from a current nature, and in that respect have become capitalized as moneys employed in the business. These amounts in some instances are charged directly to expense or repair accounts, and in other instances are so intermingled in various accounts as to render it difficult to state them, except as they are in bulk extracted from all of the accounts and grouped under a title of *total cost of property.*

Even then such totals in the accounts of some of the companies necessarily include stock at its par value issued directly or indirectly for property. For convenience, therefore, such issues should first be stated.

There was issued for property, at various times, shares representing at the par value:

Stock of Metropolitan	$1,887,300
Stock of Municipal	450,000
Stock of Harlem	150,950
In all of par value of	$2,488,250

These three sums, aggregating $15,500,000, *comprehend the actual capital of all the constituent companies* at the time of the consolidation, the Knickerbocker capital being included in the Municipal capital for the reasons hereafter stated.

THE COST OF INVESTMENTS.

Of the constituent companies, including worn out apparatus or mains, or other impaired property of all kinds, has been ascertained as the same *appear on the books* of the several companies.

The total cost from all sources of property paid for by stockholders' original contributions, by surplus earnings, by stock treated as money, and from the proceeds of bonds and other loans, was as follows:

Company.	Total Cost of Properties.
Manhattan	$4,872,999.49
New York	4,630,642.03
Metropolitan	5,292,175.35
Municipal	4,092,347.86
Knickerbocker	810,481.15
Harlem	1,243,986.97
Total cost	$20,942,632.85

It was found that the total outstanding indebtedness of the same companies was then $2,329,000. The sum, therefore, should be deducted from $20,942,632 as the properties nominally costing the last named sum were subject to those debts.

The conclusion therefore follows that from the books of the constituent companies their actual investment was not greater than $18,613,632.

This sum should be further diminished by the proper amount to represent actual loss of mains, apparatus, wear and tear, and destroyed or impaired property.

A COMPARISON.

Was there any justifiable ground for representing the capital of the new combination to be greater than the combined capital of its constituencies? *There was no increase of plant, of real estate, of works, or of money; and there was a diminution of materials and of moneys and cash assets. Why then should there be an enlargement of nominal or of share capital?*

Unless the law of 1884 (chap. 367) provided such authority (and the contrary will be shown) there existed no law by which the existing nominal or share capital of the constituent companies could have been enlarged without some concurrent increase of money or of property to represent capital. *It requires some authority of law not cited to satisfy the committee that a corporation may, without consideration, voluntarily issue an*

unlimited amount of stock as representing its capital; and then by a process of distribution among shareholders without benefit to the common treasury permit the shareholders to sell it at their own price, and for their own exclusive benefit. An ignorant and innocent public, who may be induced to invest in such shares are also imposed upon; they suppose themselves to be investing in capital, whereas they are only contributing profits to the old shareholders.

Neither the policy nor the statutes of this State have ever contemplated allowing any class of corporations to magnify their nominal capital beyond the representation of an actual value therewith required. Certain corporations desiring to increase their nominal or share capital may do so under established regulations, and then dispose of the new shares as original shares for adequate value.

SHARES DO NOT CREATE VALUES.

It will not be pretended that either of the constituent companies might have enlarged their nominal capital without acquiring new values, and solely because, in the opinion of the stockholders, their property had appreciated in value beyond the the par value of their shares. This may furnish a ground for advancing the market price of shares to a premium; but the wildest financier has not hitherto succeeded in adding capital to his business, formulating the owner's opinions of values.

Pronunciamentos do not create capital stock; certificates do not create values.

If the capital of a bank be $100,000, and be wholly invested at par in United States bonds, and those bonds have subsequently been quoted in the market at ten per cent. premium, it does not follow that the *capital* of the bank has thereby become enlarged to $110,000; or, if the bonds depreciated ten points, that the capital was changed to $90,000. If this were so there would be no fixity or security in capitalized shares. No school of economists has justified such a dogma, although it is sometimes attempted as a part of some concurrent fraud.

So, by way of illustration, when the nominal or share capital of the Manhattan Gas-Light Company was $4,000,000 ($3,280,000 of which was capital contributed, and $720,000 capitalized earnings), there was no fair basis according to which the total cost of its properties as owned by it in 1884, viz.: $4,872,999.49, should become the exact figure and the measure of its new nominal capital and further issues of shares made accordingly. The true state of fact was that there was a surplus of $872,999.49 over and above the share capital, which surplus was invested in property.

In point of fact a sum much larger than this amount was distributed in dividends by the Manhattan Company for that year (1884). Yet in the fact of these facts the *Manhattan* was as-

sumed to be *recapitalized*, through some process, *at* $11,940,000, *which amount the committee find is not in any fair and meritorious sense the actual capital of that constituent company.*

So also by way of further illustration when the nominal or share capital of the *New York Gas-Light Company* was $4,000,000, there was no fair basis according to which even the total cost of its properties as owned by it in 1884, should become the exact figure and measure of its new nominal capital, and further issues of shares made accordingly. The true state of fact was that there was a bookkeeping surplus of $630,642.03 over and above the share capital. In point of fact in this instance also a larger sum than this was by this company distributed in dividends in its last year.

In spite of these facts also the *New York Company* was assumed to be *recapitalized* through some process or fiction of law at $7,560,000; *which amount the committee find is not in any fair and meritorious sense the actual capital of that constituent company.*

By taking the figures furnished in the evidence, other similar illustrations will present themselves; and the proposition clearly demonstrated that *neither constituent company could without equivalent in any fair and meritorious sense justifiably enlarge its issue of shares to the figures assigned to it in the Consolidation.*

If it could not justifiably issue further shares by remaining out of the consolidation how could its share capital be enlarged by the alleged merger? Yet the norminal or share capital of the constituent companies has been enlarged in the following proportions:

Name of company.	Old share capital.	New share capital.
New York	$4,000,000	$7,560,000
Manhattan	4,000,000	11,940,000
Metropolitan	2,500,000	7,175,000
Municipal	3,000,000	5,100,000
Knickerbocker	1,500,000	3,000,000
Harlem	2,000,000	3,000,000
	$17,000,000	$37,775,000
An additional amount reserved to sell, called working capital, but possibly to donate, to distribute or otherwise to dispose of is yet held by treasury		1,303,000
Combined stated nominal or share capital		$39,078,000

From this it is assumed that all debts and obligations will be paid.

The debts are, therefore, first deducted from this appointed

share capital, and the net amount in shares, thus ascertained for each respective company, was apportioned to its shareholders.

The debts of the several companies, as thus deducted, and the net amounts and proportions distributed to shareholders are stated in Appendix D, at pp. 779-780.

The total debts, as already noted, are $2,329,000; more than half of it being Knickerbocker and Municipal debts. How and to whom the stock reserved to pay this debt was sold the committee could not, within their allotted time, definitely ascertain. The accounts show the shares were issued. Their precise disposition, however, is not essential to any of the conclusions at which, upon the evidence, the committee has arrived.

The Recapitalization was not a Purchase of Property for Stock.

The theory upon which this increase of nominal or share capital without any corresponding increase, but in spite of a diminution of actual capital, is attempted to be sustained is that of a purchase and sale. It is assumed that a new corporation is created, and issues its shares for property at fair values, that the property of the old companies is purchased and transferred, and that the new issue of shares being based thereon and agreed to is not subject to further inquiry.

A purchase and sale presumes a bargain between two minds or parties. It presumes the existence of a legal entity capable of contracting. But there existed no new corporation competent to enter upon such a transaction having capacity to issue stock and to contract with each constituent company touching the values of its properties.

Assuming, however, for the sake of argument, that the properties were each and all fairly valued for the purposes of the alleged consideration and transfer, the committee have carefully inquired how far any agreement as to values and the capitalization of the combination is a matter of public importance; and without hesitation agree than an excessive recapitalization based on a revaluation of properties in a transaction of this public importance, is of that vital character that requires the interposition of public authority.

Legislative Intervention Expedient.

There is no adequate remedy for the public from whom extortionate charges for gas may be exacted in order to pay dividends on fictitious or excessive capital, except by the interposition and public authority. Whether any other authority than the legislature may or may not exist, the power of the legislature to intervene is supreme and incontestible, and the occasion for its exercise is at hand.

If through the unexpected result of some legislative enactment, the power exists whereby the gas consuming public of New York shall be made to pay in charges for gas sums sufficient to yield profits on an apparent investment of $39,078,000, when in fact the actual investment is not one-half that amount, then not only should that power be withdrawn, but all transactions in the exercise of it should be absolutely abrogated so far as may be consistent with the protection to which property rights and vested interests are justly entitled. This protection may safely be left to the courts, as is provided for in the proposed laws accompanying this report.

IS THE CONSOLIDATED GAS COMPANY AN INCORPORATION?

If the six named constituent gas companies of New York have in fact recapitalized themselves or revalued themselves at the fair aggregate value of their property rights and franchises (and the committee show elsewhere that the new assumed values are not fair), then, it may be argued, that they have not become a new and valid corporation, because:

1. Chapter 367, Laws of 1884, does not by strict construction apply to the corporations assuming to consolidate; and

2. Chapter 367, Laws of 1884, is unconstitutional in one of its essential features, and therefore wholly inoperative and void.

1. Some of the reasons in support of the proposition that chapter 367 of the Laws of 1884 does not apply to the gas companies who have united in executing the consolidation agreement readily suggest themselves by a comparison of this statute with previous legislation. In this connection a comparison by sections of chapter 960 of the Laws of 1867, and chapter 367 of the Laws of 1884 becomes especially significant. This comparison is deemed by the committee of such probable service in framing future legislation that a digest of the two statutes has been prepared, showing the sections in parallel columns, and will be found as Appendix K, at the foot of this report.

It will be observed that the only substantial difference between these two enactments is in respect to the total capital of the combination or consolidation which each of the statutes assumed to authorize.

In the act of 1867 that total capital is limited in terms to the total share capital of the constituent companies; while in the act of 1884 the total capital is not thus limited in terms, but is assumed to be allowed according to "the fair aggregate value of the property, franchises and rights." Neither of these acts purport to relate to corporations of a different character than those embraced within the other act. Both assume to apply to corporations doing business under the general manufacturing, mechanical and mining laws. If any corporation

may have been organized under special statutes granted prior to 1848 for the purposes of carrying on any business authorized by the general manufacturing laws, such corporations might reasonably be deemed to be embraced within the provision of chapter 367 of the Laws of 1884. But it requires the application of very liberal rules of interpretation, which have little, if any, place in this connection, to enlarge the class of corporations embraced within the act of 1884 beyond the corporations which, since 1848, were organized, or which may hereafter be organized under the Laws of 1848, entitled "An Act to authorize the formation of corporations for manufacturing, mining, mechanical or chemical purposes," passed February 17, 1848, and the numerous acts amendatory thereof and supplementary thereto.

The uniform legislative habit of alluding to manufacturing corporations as corporations organized under general manufacturing laws and laws supplementary thereto, is not likely to be disregarded in arriving at legislative intendment. In statutes imposing taxes, where various classes of corporations are referred to in a general way for the purposes of including all the corporations of a certain class as the subject of taxation, it would not be unreasonable to assume that the legislature intended to describe, and did describe, within the terms it used, all corporations reasonably included within the ordinary use of such terms. Indeed laws for the purposes of raising revenue are by principle and authority to be construed liberally, and for the purpose of furnishing a revenue designed by the statute. Hence, it has been held that chapter 542 of the Laws of 1880, imposing a special State tax to be paid to the comptroller upon the dividends of all * * * "manufacturing" * * * corporations must for the purposes of carrying out the provisions of that act be deemed to apply to the companies engaged in manufacturing and supplying illuminating gas. (*Nassau Gas Light Company* v. *Tax Commissioners, etc.*, 89. N. Y. 410). This decision, however, does not hold or imply that corporations organized under one set of general laws are to be made applicable to another set of general laws authorizing and providing for a different class of corporations.

In 1848 there was passed (chap. 37) a general law, still in force, entitled "An act to authorize the formation of Gas-light Companies." A separate set of statutory provisions was made applicable to the formation and conduct of all such companies. That statute has from time to time been amended or supplemented by legislative enactments. The class of corporations thus provided for, therefore, remain for the usual purposes of State action GAS-LIGHT companies. This class of corporations is subject to the provisions and limitations of the general act

in relation to *gas-light* companies as distinguished from corporations known as *manufacturing* corporations organized under the general act of 1848, relating to the formation and conduct of corporations for "manufacturing, mining, mechanical or chemical purposes."

The character of the corporations for the usual purposes of State action is derived from the law under which they have their being. At least two classes of creation are covered by these two sets of statutes, viz.: *gas-light* companies under one enactment, and companies for *manufacturing*, mining mechanical or chemical purposes under the other enactment. So far as their practical operations are concerned, the company organized under the manufacturing laws might manufacture gas, and a company organized under the gas-light laws may and necessarily must engage in manufacturing. Yet for purposes of ordinary dealings, according to the law of their origin and the character of their being, the manufacturing corporation cannot necessarily or properly be said to be a *gas-light* company, and thus subject to the gas-light laws only. Nor can the gas-light company in law properly be designated the *manufacturing* company mentioned in this statute, and subjected, therefore, only to the manufacturing laws. Hence, we observe, in most of the special laws chartering gas-light companies, or promoting their incorporation, provisions subjecting the new creation of certain general laws of the State applicable to corporations in general. Precisely such provisions are found in the two consolidation statutes of 1867 and 1884 now under consideration. Section 4 of both laws subject the new corporation to be created under such statute to all the provisions enacted under "An act to authorize the formation of corporations for manufacturing, mining, mechanical or chemical purposes."

For these and other reasons, it may fairly be held that chapter 367 of the Laws of 1884, neither by its terms nor upon sound principles of interpretation, should be treated as applying to gas-light companies, but should be limited to the class of corporations which have assumed to have become organized under and by virtue of the act entitled, "An act to authorize the formation of corporations for manufacturing, mining, mechanical and chemical purposes," passed February 17, 1848, and the acts amendatory thereof and supplementary thereto, and should not embrace any other corporations.

2. Some of the reasons in support of the proposition that chapter 367 of the laws of 1884 is unconstitutional in one of its essential features, and therefore wholly inoperative and void, and affords no basis of incorporation or implied grant of franchise from the State to any organization purporting to have been created by virtue thereof, are as follows:

Section two of the act provides for the taking of private

property by private persons and for private uses involuntarily and by compulsory process. While private property may constitutionally be taken for public use, it cannot constitutionally be taken for a use not a public use. Should the legislature assume to authorize the taking of property otherwise than for a public use, the courts would interfere.

Nor can the legislature take away the judicial authority to determine what is, or what is not, a public use. Numerous cases have arisen in this State where the courts have passed upon the question as to whether particular purposes specified in various statutes were public uses. Laws have frequently been declared unconstitutional by the courts when they have assumed to permit private property to be taken for a use not a public one. Thus the taking of land for railroad purposes in the exercise of the right of eminent domain is justified because the use is a public one. So it has been held in relation to highways, parks and other public uses.

If the right of eminent domain, or the right to take private property for the purpose of laying pipe lines, or mains to lay gas upon, should be authorized by the legislature, it would then become the province of the courts to say whether or not such use in either instance was a public use, and if it were not the act would be void.

The legislature, however, has not assumed to give to the New York gas companies any authority to take private property for public use. There is no statute that points to any right, privilege or franchise by which any New York gas company, through the courts or otherwise, may acquire by compulsion private property for the purposes of carrying on their business. It will be time enough to inquire whether such legislation can be upheld when it shall be attempted. At present there is no such statute. The only grounds, therefore, upon which the private property of gas shareholders can be wrested from them is, for a use recognized to be a public use. No such ground exists, or is declared or implied in the statute of 1884. Nevertheless, by its provisions persons owning fractional parts of the property of the constituent companies are, if the provisions of chap. 367 of the laws of 1884 are sound, compelled to part with their interests at the instigation of other stockholders, if it may be outside parties, and for benefits exclusively of a private nature expected by such investigating party. Under such compulsion the stockholder must either part with his rights and interest, on the best terms he can make, or take such value for it as may be awarded him in adverse proceedings.

Now, the State has no power to deprive the stockholder of property represented by his stock in any of the constituent companies or the benefit of his co-shareholders and shareholders of other constituent companies. This not being the taking of

private property for a public use, is an intrusion upon private rights not justified upon principle or upon authority.

The effect of a statute assuming to do this, is to force property from a minority shareholder for the private benefit of other persons, and not exclusively for a public use.

It may very well be doubted whether for the simple purpose of reorganizing an industrial corporation (although engaged in subserving by its business some public advantage), the State may exert its power of seizure upon private property; or by placing on its statute books a menace, may compel an unoffending owner to part with his property for private purposes to strangers. Yet, by this statute the shareholder must yield up his property at a market price controlled by those engaged in wresting it from him, or engage with associates from other corporations in their ventures in conducting various businesses other than the one to which his corporate property is already devoted. He shall surrender his rights and interests, or enter upon new enterprises beyond the original promise of his association, and which, he may believe, will destroy all original values or purposes. It may very well be suggested that the execution of such a menace is an intrusion on contract rights of association, purpose, property, devotion and business risk, such as are necessarily attendant upon every incorporated association of shareholders, and hence, no violation of the constitutional prohibition against impairing contract obligations.

There is no similarity between the exertion of the powers assumed to be created, or necessarily implied by this statute, and the sovereign right of eminent domain. The taking of shareholders' stock for the purpose of being pooled and re-distributed with divers other stock to various persons, not being in any fair sense of the term a public use, cannot form a constitutional basis for sound legislation. Hence a statute fundamentally dependent for its operations on such a feature, and incapable on its face of becoming operative with that provision omitted, might be said to be unconstitutional and void.

It is submitted that the legislature, in a clear case of a recent unconstitutional enactment of this nature, when public reasons exist therefor, should not delay for some judicial intervention, but should apply at once remedial legislation; and that the public grounds for immediate action by the Legislature are apparent in this instance.

It is ascertained from the Secretary of State's office that no attempt has been made to utilize this statute, chapter 367, Laws of 1884, except by the New York gas companies to form their consolidation.

THE CONSOLIDATION SHOULD BE ANNULLED BECAUSE UNFAIRLY CAPITALIZED.

But, assuming the statute of 1884 to have the full force and validity its advocates and promoters contend for, the combination known as the Consolidated Gas Company of New York has not resulted from a compliance with its provisions. On the contrary, having violated them in essential particulars, and having assumed to capitalize in excess of the true value of its acquired properties, its assumed incorporation should in the interest of the public be annulled by the Legislature and its properties and assets marshalled and distributed under the direction of the courts to those in law and equity entitled thereto. Moreover, such proceedings would doubtless swiftly result in a reorganization and a recapitalization on a fair basis.

VALUES.

Upon the question of the fair aggregate value of the properties, rights and franchises of the constituent companies the committee have made extended investigation.

In addition to the considerations hereinabove suggested touching actual values the various estimates and methods of estimation pursued in arriving at the combination in question have been spread in evidence.

From this it has resulted that in the opinion of the committee *by no fair and meritorious valuation can the property rights and franchises of the constituent companies be valued at* $39,078,000.

This conclusion is sustained by any fair method of valuation that may be proposed. None has been suggested by testimony or argument that supports this figure.

The aggregate valuation is neither estimated according to actual cost; nor the fair earning capacity of the properties in the ordinary course of trade; nor the fair cost to duplicate an equivalent producing capacity; nor the salable or market value of the properties; nor the true and actual value with a fair relation to the normal condition of similar commercial enterprises as they have been current; nor according to any ascertainable principle of fair appraisement.

It is not pretended that the valuation is according to the actual cost of the properties. But it was vaguely suggested by some of the officers that the appointed values represented a fair appreciation over cost. This topic, therefore, was made the subject of extended testimony, by which it has been clearly established that *with the exception of the lots of land originally acquired for the various works there was no investment in gas properties that had perceptibly appreciated in value beyond its first cost.* On the contrary such investments, unless annually replenished by fresh expenditures of from twelve to fifteen per

cent., depreciate when in use; and when not in use or properly cared for are likely in a short time to become altogether valueless. Moreover improvements in the processes and methods of manufacture depreciate some values and necessitate expenditures for maintaining with economy a stated producing capacity.

Opinions as to gas plants proper may vary, and the values thereof may be more or less dependent on location, kind of gas to be made, competition in supplying, distribution facilities and other circumstances; but as a matter of evidence before this committee, *no witness has ventured the opinion that a gas plant is worth more than it cost to produce it.*

THE CONSOLIDATION SCHEDULES.

By directing the evidence toward the items stated in the schedules of appraisements upon which the business on consolidation was finally negotiated, and the books of the new concern opened, the committee readily ascertained upon what items opinions, even of experts, were likely to differ, and how far such opinions were a matter of any practical or legal importance.

These schedules, showing as they do the entire scheme of capitalization as outlined by the parties effecting it, have been deemed of sufficient importance to be printed herewith in full (excepting the real estate maps), reference being had thereto, it is only necessary in this connection to note that by these schedules the total aggregate values of the properties is assumed to be $29,994,000, and no more.

Now this amount is made up by assigning to each company specific values for the following items:

1. Street mains, valves, etc.	$5,217,000
2. Meters	1,195,000
3. Services (the service pipes from mains to meters, etc.)	1,005,000
4. Plant	12,151,000
5. Real estate (being lots only, exclusive of buildings)	8,617,000
6. Bulkhead piers and water rights	1,300,000
7. Office buildings	325,000
8. Office furniture	70,000
9. Laboratories, photometer-rooms, etc.	24,000
Total	$29,994,000

As to items 1, 2 and 3: Grouping these items ($7,417,000) for conveniences, and comparing the values assigned to them in the appraisement schedule with the books, the following appears as the cost of mains, meters, and services:

Company.	Cost.	Page of Testimony.	Schedule.	Increase.
Manhattan	$1,457,021	671	$1,800,000	$342,970
New York	Unknown.	708	1,292,000	.....
Metropolitan	8,357,129	727	1,477,000	239,870
Municipal / Knickerbocker \ ...	923,965	747	1,904,000	980,135
Harlem	527,669	758	944,000	416,331
Total	.....	...	.....	$1,979,315

Thus the values for consolidation were assumed to be at least $1,979,315 in excess of the actual cost. Is it possible that the mains, valves, meters, and services had become enhanced in value notwithstanding their use and subjection to ordinary wear and tear for from five to forty years? It is common sense that neither mains, meters, nor services increased in value with time. The privilege of using them to furnish gas, is their chief, if not their only value. Do not these figures include all such privileges? If not, then these values are excessive. If they do the item elsewhere for franchise is so far improper.

Respecting the first three items, it may be observed that the values are stated at full cost, and upon the assumption that the quantities appearing upon the books of the respective companies to have been paid for, did actually exist in a condition equivalent to that at first cost. If this proves anything, it is that cost is not an unfair element in fixing values for some gas property.

The sixth item is in fact included in the cost of the fifth item, except as filling in of water fronts and construction of piers was paid for out of current expenses for labor and materials. The two items should be considered together as $9,917,000. That the value of the lots is in some respects inordinately excessive is fully proven; so excessive, indeed in some instances, as to be treated as fraudulent.

The committee has caused every specified piece of real estate to be appraised by a disinterested witness qualified by an experience of eighteen years as an assistant appraiser of city real estate in the New York tax office; and have subjected his results to reasonable tests from other witnesses of large familiarity with such values. No certified appraisement of the values of these lots was offered by the companies.

It is a moderate statement warranted by the testimony as well as from the general sources of information accessible to the public, to conclude that *the appointed or scheduled values for the lots* (not the real estate property so-called because the buildings and fixtures are accounted for in the "plant") *designated in the schedule as "real estate," is about twenty-five*

per cent in excess of what was their fair value in September, 1884, when the agreement was signed.

This conclusion of fact, considered as it must be in connection with the obvious motives and public consequences of the whole transaction, is itself sufficient to justify the abrogation of the consolidation and capitalization assumed to have been perfected in this way.

A difference of even $2,500,000 of improper capital to which the public is practically bound to contribute, is of sufficient consequence to warrant the intervention of adequate public authority to extinguish it.

This, however, is only *one* item. What shall be done when the excess is nearer $20,000,000 than $2,000,000?

Item four, "plant $12,151,000," appeared to have been arrived at as the result of a general agreement between the representatives of the constituent companies, and after much consideration.

It is not below the actual cost of the property it assumes to represent, and in some instances exceeds such cost.

Each company appraised its own plant, and submitted its figures to its associates. What is here designated as the plant comprises the retorts, benches, gas holders, tanks, engines, machinery, buildings, storehouses, yards, tools, fixtures and general apparatus for carrying on the manufacture. Fairly considered, the "plant" of a gas company is the manufactory complete for sending out a given quantity of gas. Considered with relation to capital, it is generally conceded that there is some recognized or approximate proportion between the capacity to produce a given quantity of gas, and the total capital necessary for that purpose. This will be again alluded to. The companies' valuations of plant, however, as appointed to this item, have no such significance.

The engineer who constructed a large portion of it, and who appraised the plant of the New York and Metropolitan Companies, testified that he made his valuation or appraisement (testimony, page 38) based on what the plant is worth "for the production of gas in the manner in which it was used at the time;" and that it would be of no use except in connection with the right to open streets; and that he could not conceive that it was of any value except for old material, unless under this condition, or made applicable for the purpose for which it was built. Upon that basis the witness thought it was fairly worth the money it would cost to produce it now, and he affixed his valuations accordingly.

When it is observed as the testimony shows, that a large part of the plant of the old companies was produced many years ago, and used for the manufacture of a gas of a low candle-power, which did not successfullly compete, in subsequent years

with the gas of a higher candle-power manufactured by different method and introduced by competing companies, it is not difficult to understand why in recent years and until such competition was satisfactorily composed, the old companies were obliged to expend large sums on the plant.

Thus the New York Company during the last five years of its business substantially reconstructed a large part of its plant. Substantial additions were also made to the Manhattan plant. The officials of these companies stoutly denied that any of their plant had been rendered worthless or unserviceable. The fact, however, appeared that at the works of the companies, there was very considerable plant that was not in actual use.

There is good reason to believe, from the testimony, that in view of the competition and methods of the later companies, and the menace thereby occasioned to the excessive profits to which the stockholders of the New York and Manhattan Companies had long been accustomed, that the managers of these old companies appreciated the necessity of improving their methods and uniting their fortunes with the new-comers, or of appeasing their rivalry in some substantial way. Both courses seem to have been successfully followed. Valuable concessions of money (the New York Company paid to the Municipal $300,000 for patent rights), or of business were agreed upon; then freedom from competition and finally combination or consolidation was arranged, without which a large part of the business of the old companies might have fallen into new hands.

Under these circumstances it was of slight consequences to any one constituent, and of still smaller consequence to any individual stockholder, at what figure the plant, or any other scheduled item, should be appraised, or valued in the consolidation. It was only important that the minds of all the representatives of the constituent companies should meet at some figure. Each company, therefore, that was urgent for consolidation tried to make its own figures as high as possible; and there was no interest to interfere with any excessive valuation.

Upon the testimony it requires some exercise of the imagination to conclude that the fair salable value of the retorts, benches, holders, tanks, engines, machinery, buildings, fixtures and the various apparatus comprising the "plant" of the constituent companies, exclusive of any other element of value reached the schedule figure of $12,151,000.

In the view taken by the committee respecting the total capitalization, it is not necessary to express any opinion as to what was in truth the fair value to be assigned to this particular item of $12,151,000 because the value of a gas apparatus is elsewhere considered and is not fairly to be separated from the value of a gas plant in its entirety. If the various factory items

be detached from each other and valued separately, and not for the purpose of being used in the manufacture of gas, then, as the witnesses agree, their separate values would be much less than cost. In that event they should not have been scheduled on the basis of estimated cost; or as pretended according to what it would cost to reproduce the apparatus. Much of the material was necessarily obsolete, laid aside, or incapable of detached estimation without regard of the general relation of all parts of the plant to each other and to the business in which it is used.

It is clear that all parties treated the value to be assigned or scheduled to this item (as indeed they treated all the other items) as dependent on the condition of its continuing use at the same place for making and supplying gas. The valuations were for property of a "going concern"; else, as one of the builders and appraisers testified, the plant had little value except as old material.

Of course, therefore, the value of the "going concern" depended on the right of the concern to keep going; and this necessarily included the right or franchise so to do if any existed.

The entire properties when valued or pretended to be valued in this way are scheduled by the managers at $29,994,000.

This scheduled estimation of $29,994,000, *therefore, necessarily comprehended an over-valuation of all there was or could have been of properties, franchises and rights belonging to all the constituent companies.*

The arbitrary addition, therefore, to this sum of more than twenty-five per cent. of this excessive valuation not only savors of fraud to some innocent stockholders who approved it, but amounted to a public wrong.

Instead of $29,944,000 the consolidation capital appears scheduled at $39,078,000. This result is attained not only by excessive estimations, according to the scheduled items, but by their actual duplication; here is

ONE FICTITIOUS ITEM OF $7,781,000.

With no limitation by law on the price of gas, or regulation as to its quality or measurement, the effect of adding arbitrarily $7,781,000, the last scheduled item, to the capitalization of six companies already capitalized excessively for the business they were conducting, is to tax gas consumers for an unrestricted profit on an apparent investment of $7,781,000, when in honest truth that $7,781,000 does not represent one dollar.

Seven per cent. on this sum is over half a million dollars per annum. More than four times that amount has already been distributed as dividends and collected by the consolidation from the gas paying public of New York.

This item alone of $7,781,000, is a significant badge. The public wrongs its approval would perpetuate justifies the Legisla-

ture in disintegrating the transaction of which it is an essential element.

THE TRUE VALUE OF GAS PROPERTIES.

But the true value of a complete plant, capable of producing a stated quantity of gas and adequate to the varying demands of the seasons, and of reasonable expansion for the future, including real estate, apparatus and all the necessary equipment for business, has been conceded by all the witnesses testifying upon the subject to be measured by its fair cost. All the evidence concurs in the statement that the capital fairly requisite to produce a given quantity of gas is readily ascertainable within approximate limits. The experience of witnesses who have organized companies, constructed and located gas works, inaugurated and conducted gas business generally, coincides within reasonable limits. Indeed so uniform was the testimony—extracted from unwilling witnesses and not without difficulty—that the committee have no hesitation in stating it to be a fact that for a producing capacity for furnishing, say five million cubic feet of gas per day a maximum capital of five millions of dollars is abundantly adequate including preparation for extensions an enlargements of the business.

To double this capacity would not require double the capital. On the contrary, in dealing with such large capacities, the proportion of additional capital required to increase the manufacture diminishes as the capacity increases.

By way of illustration, the constructor and manager of the works and business of the Mutual Gas-light Company testified to having attained a capacity of 4,000,000 cubic feet per day, with a representatic capital of $4,100,000; in which sum is included $600,000 spent in experiments, enlargement, and alterations of works and street mains, and other miscellaneous items belonging to a proper construction account. The construction here alluded to was also made soon after the war when prices for labor and materials were higher than at present. The same thing could be done now, the witness thought, for twenty per cent. less. The producing capacity thus established, having been conducted with regard to the future demands of the business, is capable of being doubled by the further expenditure of about $1,500,000.

Here is testimony from experience that a total capital of less than $6,000,000 is practically adequate to the necessities of a gas business capable of furnishing for New York 10,000,000 cubic feet of gas per day.

The present consolidation is now producing about 22,000,000 cubic feet of gas per day, and in the opinion of some witnesses is capable of producing $28,000,000. It claims to own land enough to erect works to double its present production.

If this be true such land should either be utilized or disposed

of, to prevent the public from being charged dividends for its use as capital.

Upon this testimony a capital of $15,000,000 would more than suffice for a business capable of furnishing 25,000,000 cubic feet of gas per day.

Indeed, as an appraiser of gas property this expert stated that as a practical man, to arrive at the fair actual value of gas works, he would not apply any other basis or principle of valuation than what it would cost to produce a given quantity of gas per day. He also stated that he and others interested in the consolidation negotiations thought its capital too large.

Another expert who was engaged in constructing the Manhattan works, and was for many years the chief manager of that company, testified that with the expenditure of $1,000,000 an additional producing capacity of five million cubic feet of gas per day could be constructed by the consolidation.

The president of the Equitable Gas Light Company, who also organized the Municipal company, testified that with a capital of $20,000,000, he would hopefully undertake to furnish the whole City of New York with more gas than they required and also make considerable allowance for future growth; and further, that within the past few years his company had attained a capacity to produce 2,500,000 cubic feet of gas per day, at a total expenditure (including $500,000 of stock issued for patents) of about $2,850,000.

Enlarging the capacity above five million cubic feet per day requires much less capital in proportion to further capacity than the original capital required for the initial capacity. Especially is this true when the original construction is planned with due regard to future growth, and all gas works are usually so devised.

Thus, it is indisputable that *upon the evidence the fair capital of the combined constituent companies, having regard to their actual and prospective capacities, and present out-put of gas should stand at less than twenty millions of dollars. Under no circumstances should it be permitted to remain for any public purpose whatever* at $39,078,000.

If in any possible view of the situation the combined properties be deemed to be of any such value a large portion of the property should be sold and a recapitalization established upon a basis that shall be fair to the public and just to all parties in interest.

According to the experience testified to by the president of the Mutual Company, a capital of $18,000,000 would be more than adequate for a producing capacity of 30,000,000 cubic feet per day; a larger output than the consolidation has yet attained.

To express it *within wide and liberal limits* on the whole evi-

dence, regardless of cash actually contributed by stockholders —*if such* important elements are in any aspect of the case proper to be disregarded—*a fair and meritorious capitalization of the constituent companies consolidating would have been at some figure between* $15,000,000 *and* $20,000,000.

MARKET VALUES OF STOCK UNDER NORMAL CONDITIONS NOT ABOVE THESE FIGURES.

The conclusions above expressed are further supported by comparing the market values of the shares of the constituent companies with the large capitalization which their managers had themselves established.

In 1879, under normal conditions, when there was competition and the ordinary demands of commerce and of capital, operated without artificial restraint in the public enterprises of supplying gas, the total market value of all the shares of capital stock of the six constituent companies was, according to the quotation then current, about $13,933,000.

Gas was then furnished as low as one dollar per thousand cubic feet; new capital was seeking to supply it, and the old companies sought to defeat the endeavor by destroying the new companies and by impairing the confidence of capitalists in them. But the expensive methods of the old companies and low candle power of gas produced by them, threatened their business and profits in competition with the new rivals. So a truce was agreed upon.

It is incredible that without any substantial contribution of money or of property or any new privileges, that which six years ago was valued in the market at $13,933,000 should have attained an actual aggregate value of $39,078,000. Yet if the consolidation is an honest one such should be the fact. This, however, as we have seen is not the fact; many of the old stockholders of the new concern seem to be of the same opinion lest when the public become more fully informed on the subjest they may not heartily invest in the shares at par. Since the consolidation the old shareholders have disposed of about one-seventh of their holdings to the general public who have purchased (as it appears by the books) since the Senate ordered its investigations.

THE GAS POOL AN UNLAWFUL COMBINATION AND NO TRUE ELEMENT OF VALUE.

The truce agreed upon when the price of gas was restored and the gas pool established was the organization of consolidation.

An agreement was made April 5, 1880, between all the companies at that time supplying gas in New York City, fixing the price of gas at $2.25 per thousand cubic feet, providing that there should be "no canvassing or soliciting of customers," that

no new mains should be laid in streets where mains were already laid "it being the intention that no competing mains be laid," that all sales should be pooled and the proceeds distributed in established proportions, and that the agreement should continue for five years "unless sooner terminated by consolidation."

It is noteworthy that this agreement followed the absorption by the Municipal Company of the Knickerbocker Company (the details of which transaction are elsewhere alluded to) and that the parties profiting by this transaction were active managers in promoting the consolidation that was in terms contemplated by the pooling agreement.

The agreement also provided for a committee of one member from each company to conduct the business under it. Thus the Municipal Company, which owned all the stock of the Knickerbocker acquired two votes in the combination. Some of the largest stockholders of the Manhattan and New York Companies had also become interested in the Municipal Company, and naturally assisted in promoting the consolidation.

Four votes, representing these four companies, determined values, stock distributions and reservations, total share capital, together with the general course of action of the committee, and finally brought about the consolidation.

Moreover the immense profits immediately enjoyed by the combination, and the fact, that within less than six months from its perfection the quoted value of the shares of the companies participating had more than doubled, intensified the possibilities of the future.

The New York Company spent several hundred thousand dollars in adapting its coal gas apparatus so as to manufacture water gas; and improved or generally reconstructed a large part of its works. The accounts show over $800,000 expenditures of this kind from earnings realized after the pool was made, and that the immense profits succeeding the pooling agreement are due to the excessive charges for gas fixed by the pool and maintained by it.

This price was obviously so fixed as to pay the dividends mutually agreeable to the managers, and without any consideration of what was a reasonable price for the public to pay.

This pooling agreement of April 5, 1880, was undoubtedly illegal and void as against public policy, and in restraint of trade. Its existence was concealed from the public. Its terms come within the well-defined class of judicial authority on that subject. If any method existed by which this agreement could be subjected to judicial scrutiny it would doubtless be declared to be illegal. Its public effect having been to extort from the consumers in charges for gas supplied, large sums of money in excess of a fair and reasonable charge, does not add anything to

its integrity, but on the contrary, affords additional reason why the results attributable to such an impolitic contract should not, if unjust, receive legislative sanction.

If it be true that by reason of this agreement and its operation the price or market value of the capital stock and properties of the constituent companies greatly appreciated, and if in consequence of the extortion thereby practiced, and profits thereby realized, the aggregate values of the properties of the constituent companies became in the opinion of their own managers largely enhanced, then these considerations should be disregarded in arriving at what, under normal conditions, and according to the unrestrained influence of the laws of commerce and the requirements of capital, was the true value of the aggregate properties of the constituent companies.

It is submitted that the legislature has no moral right to entertain fictitious or illegal standards of values as the basis for legislative action, and that in consequence all estimates founded upon wrong should be absolutely disregarded. The values of the properties of the constituent companies should be ascertained independently of this agreement, or of any operations under or in pursuance of it.

The profits during the four years following this pooling agreement are aptly illustrated by the fact that the Manhattan Company, in that short period, paid in dividends to its stockholders an amount exceeding its entire capital. The Municipal Company likewise returned to its stockholders more than its actual capital, and the Metropolitan Company divided also as its profits sums equal to about four-fifths of its actual capital. The actual receipts and expenditures of the constituent companies during this time, as shown by their books exhibited their excessive profits to have arisen exclusively from the charges for gas. *These charges for gas, being excessive and unreasonable,* formed no proper element in valuing the respective properties of the constitutent companies.

Much difficulty was experienced by the committee in ascertaining from the witnesses who were individually concerned in the endeavor, and who were members of the pooling committee having consolidation in contemplation, as to the time when the details for consolidation and capitalization were first definitely arrived at. There was a curious coincidence of failure of memory in this respect. The records exhibited that as early as the fall of 1883 plans of consolidation were under consideration, and in December, 1883, a plan was so far adopted as to be referred to a sub-committee "with power to call in legal counsel," with a view to carry it *in* into operation.

At this point it became desirable to ascertain whether any legislation had been proposed in aid of the contemplated consolidation; but in this respect the efforts of the committee were

unexpectedly—and either by design or accident—thwarted. It did appear by the testimony of one of the directors of the Municipal and Knickerbocker Companies, and one of the members of the pooling committee and an active promoter of the consolidation and one of its present advisers and directors, that in 1883 an act was drafted in aid of the consolidation scheme. This proposed act the witness (Henry Day) testified was handled by him to one of the State senators and subsequently became a law, known as chapter 367 of the Laws of 1884 (see testimony, pages 206-215). The witness said he asked the senator to take the bill and to push it along as fast as he could and that the senator introduced the bill (ib. 214). At the next session of the committee the senator named appeared and requesting to testify stated, that while he was handed the bill and requested to introduce it, yet he did not do so but returned it to the witness with his reasons. He did not know or hear while he was in the Senate of the passage in 1884, or the presentation of any bill relating to the consolidation of gas companies in the city of New York; and that it was a matter of surprise to him when he learned that a bill has been claimed to have been passed looking toward such consolidation. He also stated that the bill which he had returned to the witness was an act authorizing the consolidation of manufacturing corporations, and that it was returned to the witness within two months from the beginning of the session of 1884.

The examination of the witness Day had, meanwhile, been suspended, with the understanding that he should attend again upon the committee when notified, and produce also certain papers called for. The witness was then notified to attend and to produce, in addition to the papers called for, the draft of the proposed act which the senator had returned to him. This, however, he neglected to do, sending the committee a letter that he would be out of town on the appointed day. Mr. Day successfully evaded, or avoided the efforts of the sergeant-at-arms to serve him with a further subpœna. (See proceedings, page 587.) The committee allude to this incident as affording a partial and suggestive explanation of the sources of some of the legislation which the promoters of the consolidation scheme have claimed to take advantage of, and to throw light on the question whether such legislation should be repealed, or should remain on the statute book.

In this connection there are two amendments (chap. 276, Laws of 1883, and chap. 287 of the Laws of 1884) to the New York city consolidation act or charter of 1882, which could not have had their origin elsewhere than with the promoters of the consolidation scheme.

The present effect of these amendments is to prohibit the laying of any gas mains in the streets or avenues of New York

city, except after two-thirds of the owners of the property fronting on the streets and avenues where mains are to be laid, shall have united in petitioning the city authorities for that purpose. This legislation was without precedent respecting gas companies in the city of New York, and practically prohibits forever any competition with existing companies.

It is the occupants of stores or dwellings, rather than the real estate owners, who are directly interested in the laying of one or more mains in front of their premises. It is the numerous small consumers who are unable to protect themselves against extortionate charges for gas, or to induce competition at their premises, or whose trade is affected who are immediately interested. Moreover capital would not be successfully invited to invest in the laying of mains in one block or street, unless there was a reasonable opportunity to perfect some profitable system of arterial distribution for the gas it proposes to manufacture. Any devised system of distribution might be destroyed by the failure of one block of real estate owners to consent to the laying of mains, while on that same block no one of such owners might reside or carry on business, or be interested to the extent of one dollar in the laying of such mains.

This prohibitory legislation was undoubtedly designed to cut off competition, and to promote and to perfect the scheme of fraud and of extortion which has culminated in the consolidation.

It is noteworthy that this practical prohibition against competition, was made a law shortly after the Equitable Gas Company by its contract with the city had acquired for itself the right to lay mains, and had guaranteed the maximum price. It proposed to furnish gas at $1.75 per thousand cubic feet, instead of at the price of $2.25 per thousand cubic feet, which was then charged by all the companies. It is also in this connection noteworthy that when the Equitable Gas Light Company had constructed works, laid mains, and had begun to furnish gas in appreciable quantities, viz.: in November, 1884, there was a coincident reduction or apparent reduction by the consolidation from the price of $2.25 to $1.75 per thousand feet.

Concealed as this prohibitory legislation was in the amendment to a section relating to steam pipes, it is not strange that its practical operation did not suggest itself to the Legislature which enacted it. In the light of its effect and its expediency the committee recommend its abrogation. To effect this, requiring as it will a further amendment to the New York City Consolidation Act, or a separate or local act, the committee have prepared an act which is herewith proposed.

As long as the policy of the State appears on its statute books as it does since the passage of chapter 37 of the Laws

of 1848, to authorize the formation of gas-light companies under the general laws and without special authority from the Legislature, there is no good reason in the opinion of the committee why under reasonable and proper regulations capital should not be invited to interest itself in serving the public on fair terms, without favor or partiality to any particular company or monopoly that may have improperly fortified itself against further enterprise and reasonable competition. It is obvious, however, that it was the purpose of the promoters of consolidation to exclude further enterprise and further capital, and to insure at the same time a remunerative return upon a nominal and fictitious capitalization which might attract innocent investors. It was undoubtedly with this view that the combined capital of the constituent companies was fixed arbitrarily by the parties to the agreement at $45,000,000.

That is was not from the first intended by any of the promoters of consolidation to unite upon the total combined, actual or nominal capital of the constituent companies, is clear when it is observed that there already existed a law authorizing manufacturing corporations to consolidate upon a combined capital which should not exceed the aggregate capital of the uniting companies. Such a law was passed in 1867. Its terms did not apply to gas companies; its re-enactment in 1884 did not then in terms apply to gas companies; but the law of 1884 assumed to permit consolidation upon a capital equivalent to the fair aggregate value of the property, franchises and rights of the uniting companies. While it may be true that neither of these statutes apply to the New York Gas Companies, it is clear that the first one, limiting as it did the new capital to the total capital of the constituent companies, did not answer the purposes of the consolidation promoters.

The testimony shows that the figures, $45,000,000, as the capital of the new concern, was proposed early in the summer of 1884. About the same time schedules of the real estate of the constituent companies were directed to be prepared. Schedules of the other property, plant, mains, etc., in more or less perfect form had already been considered by the members of the pooling committee, but nothing definite in respect to values had been determined. Careful questioning of every member of that committee who was called as a witness, and of all the officers of the constituent companies, has failed to disclose any paper containing in whole, or in part, any schedules whatever of any of the properties of any of the constituent companies, or any of the plans for consolidation that were before the pooling committee. Nothing in this respect has been found except the formal inventories or schedules exhibiting the properties of the various constituent companies, as they were finally accepted and agreed upon at the time the consolidation agreement, dated

September 29, 1884, was executed. The committee is unable to explain the singularly coincident absence of data by which these various schedules must have been prepared; and cannot account for the absence of memory of all the witnesses who assumed to agree upon the details of values therein set forth.

The failure of the Mutual Gas-Light Company to become one of the constituent companies in the consolidation, as designed, by the terms of the consolidation agreement is explained by the provisions of its charter (chapter 651 of the Laws of 1866, sec. 6), that renders its directors voting for consolidation, or for transferring its franchise to any other gas company, liable to punishment as for a misdemeanor. It is doubtless for this reason that the Mutual Company did not unite in the agreement in which it is recited as a party. The capital, therefore, of $45,000,000 for the consolidation was in fact reduced by the amount which by that agreement had been assigned to the Mutual, viz.: $5,922,000; leaving the existing nominal capital of the combination to stand at $39,078,000.

Whether the execution of the pooling agreement, dated April 5, 1880, by the Mutual Company and signed by its president was an offense under the section quoted, or such a violation of law as impairs the charter of that company, are questions which may properly be left with the judiciary.

The Failure of the Mutual Company to Comply with its Charter.

There is, however, one provision (Sec. 4, chap. 651 of the Laws of 1866) in the charter of the Mutual Gas-light Company which, according to the evidence and accountant's tables prepared from that company's books and accompanying this report, requires special attention with relation to that company. Its charter requires that whenever the profits of this company shall in any one year exceed ten per cent. on its capital stock, then the excess shall be divided between the consumers of gas furnished by said company, *pro rata* according to the amount consumed by them respectively, and the other half shall be paid as a dividend to such owners and holders of the stock of said company as may be consumers," provided that no individual stockholder shall be paid such dividends upon more than fifty shares.

It appears that during the last few years the profits exceeded in each year ten per cent. of the whole capital stock of the company, and that (testimony, page 405) a large fund (exceeding $800,000) has accumulated, and that large accumulations are now being made after providing for an annual profit equivalent to ten per cent. upon the whole capital stock. No measures appear to have been taken to distribute this profit in accordance with the above quoted provision of the charter

of the company; nor has it been used to reduce the price of its gas furnished. The net earnings or profits of this company were for many years largely in excess of $500,000 per year, or *ten per cent.* upon its nominal capital stock. A scheme was resorted to of issuing $1,500,000 of bonds to stockholders for an equivalent amount of stock concurrently surrendered. This operation is treated by the company as a reduction of capital; and it is now proposed to pay those bonds out of the accumulated earnings. Some have already been paid. Dividends also were paid upon $3,500,000 in 1883 and 1884. There are now among the assets of that company representing earnings after paying dividends, $3,130,000, $830,000 of which is invested in United States bonds.

This attempted evasion of the section above quoted is a violation of law, that in the opinion of the committee requires the intervention of public authority. It would seem to warrant the abrogation of its charter.

Under the circumstances, and in the absence of an opportunity for further investigation into the matter, and in the absence of any justification offered by the company when called to its attention, the committee recommends that the Attorney-General of the State be instructed to institute such proceedings as the facts may warrant.

A bill for this purpose is herewith submitted.

THE POOLING AGREEMENT WAS EXTINGUISHED BY THE FINAL AGREEMENT OF CONSOLIDATION.

Four years and a half of successful operations under the pooling agreement, assisted by friendly legislation, culminated in the consolidation of November 1885, formally announced to the public with a reduction in the nominal price of gas per thousand cubic feet.

The agreement of consolidation, by its article VIII, assigned to the various companies the amount of the capitalization, (testimony p. 787) respectively apportioned to each company, and also a number of shares of the par value of $100 each that should be allotted to the stockholders of the constituent companies out of the total number of shares, thus: (See page 787.)

Name of Company.	Par Value of Shares.	No. of Shares Allotted.
New York Gas-light Company.....	$7,821,000	75,000
Manhattan Gas Light Company.....	12,372,000	119,400
Metropolitan Gas-light Company....	7,422,000	71,500
New York Mutual Gas-light Company	5,922,000	57,250
Municipal Gas-light Company.....	5,276,000	51,000
Knickerbocker Gas-light Company...	3,104,000	30,000
Harlem Gas-light Company.....	3,103,050	30,000
Total	$45,000,050	434,750

It was also provided that outstanding obligations or debts of either of the constituent companies might be assumed or paid by the consolidation, and a proportionate amount of stock be reserved from this distribution to stockholders in order to provide means to pay such indebtedness.

It was also provided that supplies and material on hand by the constituent companies might be sold or transferred to the consolidated company for cash or stock; and that schedules of property, debts and shareholders should be furnished by the constituent companies. And also that if any company should not sanction the agreement, the consolidation should be binding upon those who did sanction it.

The Municipal and Knickerbocker Profits in Consolidation.

In this scheme of capitalization it will be observed that $8,380,000 of the total nominal capital and 81,000 shares of its stock was assigned to the Municipal and Knickerbocker companies. Here is an item that concerns one-fifth of the total recapitalization, and affords another illustration in support of the conclusions expressed in this report.

The nominal or *share capital of the Municipal* company was $3,000,000, and of the Knickerbocker company $1,500,000. Upon what reasonable ground could $8,380,000 be *apportioned* to the owners of $4,500,000?

It has been suggested that there were debts of these two companies amounting to $1,467,000 (Municipal $328,000, Knickerbocker $1 137,000). That, however, is no explanation, as the property represented by the old stock was subject of course to debts, and issuing new stock for old did not change the situation in that respect. The transaction still retained its character of the substitution of 81,000 shares of new for what was called 45,000 shares of old stock, without the contribution of an additional dollar of actual capital.

In fact, however, there was not in any true and proper sense of the term a capital of $4,500,000, which 45,000 shares of old stock could fairly be said to represent in these two companies. All the stock (15,000 shares, representing the par value of $1,500,000) of the Knickerbocker Company was in fact purchased by the Municipal Company, and held in trust for its benefit by a transaction concluded in March, 1880, just before the gas pool was made. These 15,000 shares being in fact paid for by the issue of 3,500 shares (representing $350,000 par value) of the capital stock of the Municipal Company, were thenceforward represented by this Municipal issue. It was, therefore, no less a fraud on the public than it was a fraud on stockholders of other constituent companies to include the same capital twice in the consolidation, as it was in fact included. Thus,

new stock of the consolidation was issued both for those 3,500 shares of the Municipal Company at the rate of 158½ new stock for 100 of old, and new stock was also issued for those 15,000 shares of Knickerbocker stock at the rate of 123½ of new for 100 of old. Nor is it any answer to this unwarrantable multiplication of shares, and imposition on the public and on investors, that it was a profitable transaction to the holders of shares in the Municipal Company. When a fraud is attempted and successfully perpetrated, profit is generally contemplated and realized. It undoubtedly was profitable in this instance to those who managed the business. The knowledge of structural weakness in this method of capitalization is doubtless the explanation of what the share lists show to be the fact, viz.: That among the old shareholders of the constituent companies who since the consolidation have parted with their stock, more than half are Municipal shareholders.

THE KNICKERBOCKER TRANSFER.

As further illustrating the initial wrong or fraud in this same element of capitalization, the method pursued by the officers of the Municipal Company in issuing the block of its 3,500 shares last mentioned is noteworthy. This transaction in brief was as follows: The stock of the Knickerbocker Company was of no value. Its officers had so sworn for successive years before the tax authorities in New York city. The property of the company was incumbered with debts for construction, etc., to the extent of about $1,150,000, and no immediate prospect of relief was at hand. The nominal or share capital of the Municipal Company was at that time $2,000,000. This was voted to be increased to $3,000,000. The Municipal Company drew its checks for $350,000, and paid it to R. F. Cutting, who, in common with his associates, owned a large part of the debt against the Knickerbocker Company. Cutting, without relinquishing any of the debt, drew his check in return for $350,000 and paid it back to the Municipal. The latter company thereupon under the pretense of having received $350,000 of money in payment for subscription to its increased stock, issued these 3,500 shares, which were distributed by Cutting or his associates at their own pleasure, in acquiring the total 15,000 shares of Knickerbocker Company's stock. The discontinuance of a pending law suit, to which the paper showed a complete defense (see Appendix I), further assisted to conceal the actual transaction. These 15,000 shares were then placed in the hands of Messrs. Francklyn, Ottendorfer, Gawtry, Allen and Day, as five trustees to hold for the benefit of the Municipal Company.

These five trustees, holding each one share separately in his own name to qualify as a director, assumed to constitute them-

selves a directory for the Knickerbocker Company. Some of them were already trustees or directors of the Municipal Company, and all of them were, of course, interested in that company. Thereafter the Knickerbocker Company became owned and managed by the Municipal Company. It was, of course, the interest of the last-named company to discharge the Knickerbocker indebtedness. It has, in fact, succeeded in having that indebtedness substantially discharged by the consolidation, and has received from the consolidation, the profit of about $5,380,000 in its shares for the privilege.

It is true that after the acquisition of the Knickerbocker shares in March, 1880, the Municipal company did expend upon the works of the Knickerbocker in improving them several hundred thousand dollars. This expenditure is represented by an equivalent increase in the capital stock of the Municipal company. The testimony particularizing the transactions last above mentioned as far as the committee have been able to extract them (and it is a notable coincidence that one of the persons concerned and largely interested in the transaction represented by the exchange of checks for $350,000, sailed for Europe while the testimony on that subject was being taken; and that another party in interest, and one of the trustees, a director, manager, and professional advisor in the affair, could not be found at his house, or at his office during the last three weeks of the life of the committee) will be found at pages 215 to 288 of the proceedings.

As further illustrating the motive in preserving the semblance of two separate and independent organizations, when in fact there was only one, and of preserving the power of *two* corporations in the combination, when in fact it was but *one* party, and of the probable design towards the ultimate profitable result attained through consolidation, the form was observed of executing an apparent lease whereby the Knickerbocker Company purported to lease its works and properties to the Municipal company for an annual rent of $75,000 for five years from November, 1880. This lease, together with the trust agreement above mentioned, will be found printed in full in the appendix to the report of the prior senate committee, whose conclusions at page 9 in reporting that the payments under that alleged lease could only have been matters of form this committee on further investigation ratifies and confirms, and in view of the fact developed further finds to have been parts of a scheme to defraud.

The conclusion arrived at upon this branch of the investigation of the consolidation and capitalization is that the nominal or share capital of the so-called constituent companies was in part fictitious; that the new issue was also in part fictitious; and that the consolidation in these respects was not according

to the fair aggregate value of the property, franchises and rights of the united companies.

Other illustrations than those above detailed of fiction or of water in the stock of the consolidation need not be further particularized.

INTERESTS MAINTAINING CONSOLIDATION AND PRICES.

It is not strange that a capitalization constructed on such a basis should be jealous of the power to regulate its own revenues by fixing its own price of gas. This power it now exercises without restriction. Nor is there at present any competition, except that which, within a limited territory, is afforded by the gas furnished by the Equitable Gas-light Company.

The Mutual Company's operations supply a territory with which the consolidation does not interfere, and for practical purposes may be deemed to be covered by the combination so far as price is affected. The interest of this company, as well as of the Equitable Company is, and at the present outlook must continue to be, to maintain the present price for gas.

The officers of the Equitable Company while opposing official restriction of price of gas, claim to furnish a better quality of gas than has ever been delivered in New York; and seem content to compete with their gas at any price charged by the consolidation. Hence, the continuance of the high prices fixed by the consolidation operates advantageously for all the companies under the present condition. Without, therefore, a limitation of capital and dividends as an element of price, or an absolute price to be fixed by law (which might if not sufficiently elastic to respond to the exigencies of commerce prove in some year to be inequitable), there is no prospect of gas being furnished any cheaper by existing companies.

If new companies, with responsible parties, will enter upon the task and supply capital under reasonable restrictions as to dividends, price, and proper official regulation, the committee recommend that the proper authority be given them by law for that purpose.

But the time that would be required for new enterprises to perfect their sources of supply and means of distribution would not afford any immediate relief against the present overcharges.

LIMITATIONS FAIR TO SHAREHOLDERS.

In legislation to limit the price of gas, or the dividends of the present companies, there is no inequity to the shareholders. The excessive profits shown to have been derived by the shareholders in the consolidation removes this consideration from serious attention.

The few recent investors or speculators who have been induced to deal in consolidation shares took their own risks as to what the paper was worth, and as to what might be the re-

sults of the investigations undertaken on the part of the State prior to their transactions.

The excessive profits just mentioned as realized by the shareholders of some of the constituent companies, six-sevenths of whom still retain their holdings, are illustrated by the following facts:

The New York Company's shareholders have received from the earnings of that company $18,484,078.50 in dividendsand $87,258.19 of assets distributed at the time of consolidation. The same shareholders have also been allotted $3,600,000 (par value) in shares of the consolidation over and above the $4,000,000 (par value) of their old shares, which latter represented an actual investment of $750,000. The total benefits to New York shareholders above investment are $22,171,336.69.

The Manhattan shareholders have received from the earnings of that company $26,347,675.66 in dividends and division of assets, together with $7,940,000 (par value) in shares of the consolidation over and above the $4,000,000 (par value) of their old shares—the latter representing an actual investment of $3,280,000. The total benefits to Manhattan shareholders above investment are $34,287,675.66.

The Metropolitan Company's shareholders have received from the earnings of that company, $7,573,749.36 in dividends, and will receive $686,188.17 additional distribution of assets upon consolidation. The same shareholders have also been allotted $4,000,000 (par value) in shares of the consolidation over and above the $2,500,000 (par value) of their old shares, which latter represented $612,700 paid in money, and $1,887,300 (par value) of shares issued for property. The total benefits to Metropolitan shareholders above actual capital are $12,260,737.53.

The Municipal and Knickerbocker shareholders have received within nine years from the joint earnings of these corporations, $2,806,192.50 in dividends, and $932,843.63, proceeds of assets distributed at time of consolidation. The same shareholders have also been allotted $3,600,000 (par value) in shares of the consolidation, over and above the $3,000,000 (par value) of the total Municipal stock, which latter represented all the shares and capital of the Knickerbocker, or $2,515,300 of shares paid for in money, and $150,000 (par value) of shares issued for property. The total benefits to Municipal and Knickerbocker shareholders are $7,339,036.13.

The Harlem shareholders have received from the earnings of that company, $2,529,917.25 in dividends, and $830,000 (par value) in shares of the consolidation over and above the $2,000,000 (par value) of their old shares, which latter represented $1,569,050 of cash, and $150,950 (par value) of shares issued for property. The total benefits to Harlem shareholders are $3,359,917.25.

Altogether the shareholders of the constituent companies (see pages 775 and 776) have received from earnings in cash dividends $57,741,613.27, and proceeds of assets distributed at time of consolidation, $1,707,089.99. The same shareholders have also been allotted $19,970,600 (par value) in shares of the consolidation over and above the $15,500,000 (par value) of their old shares. The latter represented only $8,727,050 of cash actually invested by shareholders, and $2,488,250 (par value) of shares issued for property, the balance ($4,284,700) of the old nominal or share capital representing accumulated earnings. The total benefits to shareholders of all the constituent companies as the result of consolidation are $79,418,703.26.

Reports and Publicity of Accounts.

The fact that these extensive accumulations and inordinate profits have been attained by extortionate charges upon gas consumers, and without any public information or means of information as to the necessity or fairness of the charges exacted or authority to measure them, demonstrates in the opinion of the committee the expediency and usefulness of full and complete publicity of gas companies' finances.

While the gas companies do not enjoy any special power or authority over private property (*e. g.*, they may not exercise the power of eminent domain), they are nevertheless in their very nature more or less of a monopoly, and as such have devoted their capital or property toward a business in which the public have an interest.

Upon that ground, as well as upon other grounds, they are subject to public regulation. The primary regulation should be to enforce fair and honest reports of their transactions.

Stated accounts and reports are necessary in any well conducted business; and have proved efficacious in many respects when enforced upon corporations engaged in a business of a public nature. The gas companies of London, and of many of the great cities of the world, are subject to some such supervision. The stated reports are of large practical service to consumers and investors.

The detailed statement of capital, property, investments, earnings, expenses, repairs, loss, profits, receipts, purchases of material and sales of gas, residuals and other products, amount and value of production have been enforced in many places with excellent results both to the shareholders, managers and consumers.

The forms in which such reports are now required to be particularized, as well as the information furnished by a large business of that character during the first half of the year 1885, are deemed of sufficient general public interest to be appended (appendix L) to this report. Besides its value as a form this publication of the Gas-light and Coke Company of London ex-

hibits operations involving a capital of about $54,000,000, an out-put of gas of 8,479,915,000 in six months, a maximum price to the consumer of seventy-two cents per thousand (and for much of the gas a less price, different kinds of gas being made), and a profit on various issues of its shares ranging from five to ten per cent. on the investment.

For purposes of useful comparison, however, the operations of the three companies furnishing gas in the city of London during the entire year of 1884 are more valuable. This information is detailed in reports resulting from investigations of Parliament, printed by order of the House of Commons in March and July, 1885.*

This report shows that the Gas-light and Coke Company in the year 1884 sold 15,251,603,000 cubic feet of gas—about four times the out-put of the New York Consolidation for the year ending November, 1885—and at a price to consumers ranging from sixty-four to seventy-two cents per thousand; that the operations of the company involved a capital of $53,665,000, represented by various grades of shares, on which dividends were paid ranging from five to twelve per cent. per annum.

The Commercial Gas Company of London in the year 1884 sold 1,633,122,000 cubic feet of gas at a maximum price to consumers of sixty-four cents per thousand. Its capital was $3,729,000, represented by different grades of shares, on which dividends were paid ranging from ten and one-quarter to thirteen and one-quarter per cent. per annum.

The South Metropolitan Company in the year 1884 sold 4,234,164,000 cubic feet of gas at a maximum price per 1,000 feet of sixty-eight cents (less five per cent. to public bodies and railways). Its capital was $11,401,800, represented by different grades of shares, on which dividends were paid ranging from eleven and three-quarters to fourteen and one-half per cent. per annum.

Hence the total out-put of gas during the year 1884 sold in the city of London was 21,118,889,000. Its production occupied capital represented by various grades of shares in round figures of $68,795,800, on which liberal dividends have been earned, while consumers have not paid beyond a maximum price of seventy-two cents per thousand. This rate does not refer to cannel gas, which affords no useful comparison.

It assists the comparison to observe that in 1884 the price of residuals was so reduced in London as to assimilate themselves to the corresponding values of residuals in New York.

By this it would seem that a capital of $17,000,000 was amply adequate to produce 5,000,000,000 cubic feet per annum, or an output exceeding the year's out-put of the Consolidation.

*These reports are made in great detail for all the gas undertakings in the United Kingdom, exhibiting the various authorities under which they act, and their capital, profits, and all their operations. The reports may be had of the London book-sellers.

It cannot be true that in the face of these facts $39,078,000 is a true capital or the fair aggregate value of properties, franchises and rights employed as capital in the business of selling to consumers in the city of New York, an out-put of 3,820,000,000 cubic feet of gas—which was the out-put during the first year of the operations of the Consolidation. Nor can it be true that there is any necessity or equity in extorting a price of $1.75 per thousand.

OPERATIONS OF THE CONSOLIDATION.

In the investigation of the transactions of the Consolidation, since the new organization, it appeared that about the time the stock at the request of the managers was listed at the New York Stock Exchange, and became a matter of daily quotation in the stock lists, loans were authorized and subsequently made, and from time to time renewed. From the spring of 1885 until the close of the sessions of this committee there appeared to be only a short period when the Consolidation was not borrowing money. In June, 1885, a semi-annual dividend of three and one-half per cent was declared. A loan was then outstanding. A similar dividend for the next six months was declared in November 25, payable December 15, 1885. On the day this last dividend was payable (December 15) $600,000 was borrowed from the city bank, and as collateral for this loan all the revenues of the company were pledged.

The principal officer of the National City Bank and others of his business associates were largely interested as shareholders in the constituent companies. In addition to the loan above mentioned there was a loan by the National City Bank on demand notes without security of $300,000 which had been made October 2, 1885. This loan was outstanding when the cashier of that bank was on December 18 subpœnaed to testify. Immediately after the subpœna was served, and by his direction this loan was charged up against the account of the Consolidated Company, which until that charge was made had owed $900,000 borrowed.

Tht payment of each of these dividends required in round figures $1,100,000. There is upon all the testimony abundant fortification of the statement of the expert in his report on this subject (see testimony, pages 653-655), that the payment of the last dividend is not fairly warranted by the earnings.

While the balance sheets of the books of the Consolidation may show apparent footings of adequate profit, yet if a proper amount were allowed for expense, that is to say, if the accounts were made up upon a true basis of reserving a proper amount for depreciation and wear and tear, the dividend was not earned; nor could it in fact have been paid except by anticipating the receipts and borrowing money.

Twelve and a half per cent. per annum is, according to the testimony, a fair minimum amount to be allowed for depreciation or repairs, or wear and tear of a gas plant; and such an amount according to the accounts has not been expended or provided for even if the plant and works had been taken at actual cost, much less if taken at their present scheduled value (see testimony, pages 338, 347, 654).

Large expenditures also were in fact charged to plant, works, etc., thereby considerably increasing the apparent outlay for plant, and increasing the depreciation in future years. The profits of the company were exhausted in the payment of the dividends.

The company has no working capital, except as it may sell stock, on which also dividends must then be paid. "There being no working capital to provide for the cash assets except the credit obtained for supplies, the company must of necessity be a borrower;" and to provide means to carry on the business must continue to borrow, "unless more capital stock is subscribed, or a surplus fund created out of profits." The pretended object of consolidation, being to reduce the price of gas, is not likely therefore to be immediately accomplished.

Moreover, the cost of executive management is large, amounting to $75,000 per annum. Contracts awarding $10,000 a year for ten years were made with officers of some of the constituent companies on consummating the consolidation. In many other instances other expenses remain the same.

What has apparently been gained by the consumers in the nominal reduction in the price of gas from $2.25 to $1.75, is largely accounted for by the decrease in leakage from the closing of the mains formerly in use.

The Harlem Company's works also have been closed, and the large amount of capital thereby represented, rendered idle and unprofitable. It is not required in the business, in the opinion of the managers; but it remains a charge upon the consumers.

The dividends, it will be seen, are being paid to substantially the same shareholders, who were shareholders in the old companies, and these dividends approximate in amount the dividends received by them on their corresponding holdings in the constituent companies. There is no concession made by the shareholders; on the contrary the prospect exhibited by the present situation indicates the necessity from their point of view of increasing the charge to consumers.

New investors in Consolidation shares, on the assumption that the dividends will be regular, should have advised themselves of the fact that such dividends are proposed on the capital artificially created at their expense for the benefit of the original holders, and through increased valuations and charges upon consumers in former years and excessive prices for gas.

The fact of the nominal capital of $17,000,000, or more properly $15,500,000, being enlarged by about $4,284,700 of accumulated earnings at the consumers' expense, long prior to consolidation, and then further increased on consolidation to $39,078,000 by the creation of fiat stock demonstrates the benefits to the old shareholders, to the detriment of the new shareholders and to the consumers. Thus injustice is worked to the consumers and a wrong perpetrated by shareholders upon the persons to whom they sell their stock.

The workings of the consolidation demonstrate that no relief can be afforded or is in prospect through its operation.

Extra Shares or Bonds Should Represent Actual Investments.

The shares of stock, also "$1,303,000" reserved in the scheme of organization for so called "*working capital*" of the Consolidation, according to the testimony, have in fact been issued in trust to an officer of the Consolidation. There is no law prohibiting the distribution of this stock, or its proceeds, among all of the shareholders either as dividends, or as a gratuity, or for any other purpose. Nor is there any adequate law to prevent the Consolidation from borrowing money, secured by a mortgage on its property or otherwise, issuing its bonds at pleasure, and distributing the proceeds of such loans, or even the bonds themselves, among the shareholders. There is, at present no law to enforce the appropriation of further capital that may be acquired in this way toward permanent improvements or to any other legitimate purpose. Indeed at the volition of the parties, bonds themselves might be issued and distributed to shareholders, and consumers charged a sufficient price to take up the bonds out of earnings.

The financial history narrated in this report, and the evidence accompanying it, exhibit transactions which correspond to such possibilities.

Remedial legislation adequate to prevent the recurrence of such circumstances in the future, and to rectify the transactions of the consolidation, including its capitalization, is urgently requisite.

No Objection to Official Supervision.

The advantageous results attained elsewhere, as well in respect to profits and stability of investment as in the charges to gas consumers, fortify from experience the correct principle of reasonable regulation of gas companies, including restrictions as to dividends, capitalizations, accumulation of earnings and charges to consumers. It is not difficult, therefore, to apprehend why the committee has failed to elicit from any of the officers of the New York companies any assignable reason adverse to such official supervision.

No witness interested in the gas business has tendered any sound reason against remedial legislation.

A bill is, therefore, proposed and herewith submitted, drafted in accordance with the views and conclusions herein expressed. This bill provides limitations of dividend paying capital, of profits and of charges to consumers, together with proper regulation as to measurement, quality of gas, and publicity of accounts. This is to be accomplished through the supervision of a commission charged with enforcing the laws in these respects.

The total annual expense attending such a commission, if for New York city, would be much less than one cent for every thousand cubic feet of gas furnished in the city of New York; a sum too inconsiderable, even if paid by the consumers, to be of any importance in weighing the public interests to be thereby promoted.

This commission at least for the first term of its existence, and in view of its great judicial duties, should comprise three members.

The Committee Refer to New York City Only.

The investigation being in terms directed to the Consolidation and New York city has not extended to other cities in the state. It was deemed better to treat one subject thoroughly and at one time, than to make partial inquiries in many quarters, and do possible injustice to all. Time did not permit further inquiry; although the committee were informed that excessive capitalization and its consequent evils were more or less dominant in other places. Further inquiry in other cities will subserve the public interest.

Enough has been shown, however, to demonstrate that some of the legislation expedient for New York city must be especially adapted to that metropolis. The situation is not such as to admit of uniform treatment throughout the state in all respects. Local and special acts exclusively adapted to the exigencies of the city of New York are essential. Such enactments are recommended for that purpose, and are herewith submitted.

Incidental Observations.

As an incident in the course of this investigation there was developed a notable coincidence of expression of press opinions in respect to proposed gas legislation. A journalist attached to a New York evening newspaper (*"Mail and Express"*) testified to having written at the instance of an officer of the Consolidation, an article urging republican assemblymen not to vote for the gas companies bill, as it would give patronage to a democratic mayor; and another article suggesting that democrats in the Legislature should not vote for it on some party ground.

The articles were intended for insertion as editorial or reading matter in republican and democratic journals respectively. He was paid for the articles; and through an advertising agency they were inserted in thirty-seven prominent newspapers, in as many different places in this State.

The names of these newspapers and the amounts which they were paid appear at page 512 of the testimony. These articles did not appear as advertisements, but as editorial or reading matter, apparently the expressions of the home editors; and the bill was rendered to and paid by the "Consolidated Gas-Light Company." The lawyer's opinion purporting to have been rendered to a stockholder and by him contributed to a New York daily newspaper, and on which these thirty-seven articles were founded, was also paid for from the same treasury (and his voucher produced before the committee), together with an apparently voluntary contribution published as a communication in another New York daily.

Had the committee felt charged with the duty or indeed authorized to continue an inquiry into the methods adopted to influence public opinion, and, consequently, legislation in respect to gas companies, enough appeared to indicate that these were probably not the only instances where the profits from furnishing gas were applied in such directions. Indeed, the numerous and distinct allegations of improper influences of this character spread in the columns of many newspapers shortly after the adjournment of the last Legislature, would justify the most searching inquiry of this character. Whether or no, therefore, if it be true, as editorially alleged, that legislative action was "scandalous" and "made it still more clear, that members were sold to the gas monoply," is a charge that must be left to such consideration and action as may be determined by the Senate. No duty on that subject was specially indicated by the resolution under which this committee was appointed; but one of the gas company trustees volunteered testimony that brought the topic to the special consideration of the committee, too late in its sessions, however, to be adequately pursued, even had the committee deemed itself authorized to do so.

Legislative Corruption.

The public importance of this particular subject, however, renders it proper in this connection to be noted that there was evidence before the committee showing that some of the earnings of the gas companies had been used in buying what untruly appeared to the reader as disinterested editorial opinion, and that the intent was to prevent legislation designed to protect the public against what were deemed extortions on the part of the gas companies. Charges were notoriously made in the public press that the gas companies had defeated the contem-

plated legislation by the corrupt use of money; that the votes of members of assembly were procured thereby, and that the profits derived from consumers were used to defeat legislation proposed for the protection of consumers.

These allegations were so generally made since the adjournment of the Legislature of 1885, and were accompanied by circumstances so suspicious, and charges of legislative corruption are of such vital importance to the State, that they demand at the hands of some adequate authority a thorough investigation.

If crimes of the sort alleged have been committed, the offenders should be brought to swift and condign punishment, and should not be allowed to use their corrupt gains to deceive the public, or thus to fortify their own continuance in power, and secure new opportunities for corrupting and being corrupted.

Such scandals should not go uninvestigated. If true, they strike at the foundations of popular government. If untrue, both the gas managers and accused legislators have been most outrageously wronged. In that case both the wronged managers and legislators should themselves demand an investigation.

It is, therefore, respectfully recommended that by a joint, committee of Senate and Assembly, or other adequate authority, the fullest investigation be directed with a view to determine upon the necessity or expediency of further laws or constitutional amendments toward preventing the use of corrupt means to promote or to defeat legislative action.

The moneyed interests at stake in legislation, together with the vigilance and dexterity of the managers of large enterprises, which are more or less dependent on public authority for their creation and revenues, secure advocates or apologists where the body of the people are sometimes not heard. It is better that there should be too many than too few such inquiries.

RECOMMENDATIONS.

1. That chapter 367 of the Laws of 1884 be repealed; or so amended as to prohibit the capitalization of franchises, and in terms exclude gas companies from its operation.

2. That the price of gas be regulated by limiting the dividends to a fixed rate per cent. of the actual capital invested.

3. That dividends shall not exceed ten per cent. of the actual capital invested.

4. That for the purpose of covering losses, gas companies be allowed to accumulate a reserve fund not to exceed ten per cent. in the aggregate of the actual capital invested. And whenever such reserve fund shall reach said amount, that then the surplus, if any shall be applied for the benefit of the gas consumers, in such manner as the gas commission may direct.

5. That a gas commission be appointed for the State of New York consisting of three persons, to be appointed by the Gover-

nor, by and with the advice and consent of the Senate, one of whom shall be chosen from that political party which cast the next greatest number of votes for governor at the last gubernatorial election after that by which the governor was elected. And that whenever a vacancy shall occur in such commission it shall be so filled that each of the two largest political parties shall always have at least one member of the commission. That such commission shall have power and it shall be its duty to provide, among other things, for testing the quality of gas; for regulating the pressure applied in its distribution; for measuring the gas used; for fixing the price of gas in accordance with the foregoing recommendations; for procuring stated and other reports to the commission in substantial accordance with reports contained in appendix "L" attached to the evidence in this matter, with such other items as the commission may deem useful, and for giving publicity to such reports, and that the commission be invested with such other powers as may be appropriate in order to protect and promote the rights of gas consumers, at the same time doing justice to the companies.

6. That the statute requiring the consent of two thirds of the owners of property fronting on the streets, avenues and public places in the city of New York be repealed; and that the gas commission be invested with power to determine whether or not the streets, avenues and public places in any city of the State, having a population of 100,000 or upwards, shall be used for the purpose of laying gas mains and services; that any parties feeling themselves aggrieved by any decision of the commission in respect to such use of streets, avenues or public places, may appeal to the general term of the Supreme Court in the judicial department in which the question arose, and their decision shall be final.

The oral testimony and proceedings of the committee and such of the numerous documents that were before the committee as it was deemed expedient to append thereto are herewith submitted.

Dated ALBANY, *February* 26, 1886.

Respectfully, JOHN I. GILBERT.

To the above recommendations your committee are unanimous and to *many* of the conclusions in the report reached, but to that part of the report which finds that the Consolidated Gas Company violated any of the provisions of chapter 367 of the Laws of 1881, and to all conclusions which follow from such finding, the majority of your committee dissent, and submit the following as their report on that question:

NOTE: Majority report printed as complainants exhibit 398.

DEFENDANT'S EXHIBIT AA-47.

APPENDIX "D."

MR. YALDEN'S REPORT.

(ACCOUNTANT'S RESULTS.)

151 BROADWAY, NEW YORK CITY,

December, 31, 1885.

To Hon. John I Gilbert, Chairman; Hon. Thomas Robinson, and Hon. Michael C. Murphy, Committee of the Senate, New York:

GENTLEMEN: In accordance with a resolution, passed by your honorable body, that I should make an investigation of the affairs of the various gas companies of New York, from the time of their organization to the date of the transfer to the Consolidated Gas Company on November 11, 1884, I beg to submit the following as the result of my labors:

The companies so examined—the constituent companies of the present Consolidated Gas Company are:

1. The Manhattan Gas-light Company.
2. The New York Gas-light Company.
3. The Metropolitan Gas-light Company.
4. The Municipal Gas-light Company.
5. The Knickerbocker Gas-light Company, and
6. The Harlem Gas-light Company.

All of which were incorporated on November 11, 1884, under the title of the Consolidated Gas Company, and now carry on business at their respective offices and places—with one or two exceptions—as before the incorporation.

It being the desire (as I understand it) of the committee, and acting upon their instructions, I have ascertained, as nearly as practicable, the constitution of these companies and the manner in which their capital was raised, and what constituted it during their operations and at the time of the consolidation; likewise the profits and benefits derived by the stockholders of the various companies during their existence, and when they transferred their business.

To show these results I have compiled separate tables for each company, assimilated as near as practicable, giving:

The analysis of the profit and loss accounts.

An account showing the capital used in their business.

The investments on account of real estate, mains, meters, services, etc.

The particulars of sale to the Consolidated Gas Company.

An account showing the dividends paid to the stockholders, and a calculation thereon giving the difference between ten per cent. on the capital stock as paid up and the actual sum divided.

MANHATTAN GAS-LIGHT COMPANY.

This company was incorporated under the Laws of 1830, chapter 59, passed February 6, 1830, with a capital stock not to exceed $500,000, in $50 shares, and as soon as possible thereafter commenced its business. The first subscription of capital was shortly afterwards paid in. Subsequently, under the Laws of 1847, chapter 163, an act was passed April 29, 1847, providing for the increase of the capital of the Manhattan Gas-Light Co., to $1,000,000 in $50 shares, and up to January 1, 1851, the sum of $850,000 had been paid into the treasury in cash on account of the said stock of $1,000,000, and again under the Laws of 1872, chapter 50, an act was passed March 25, 1852, to increase the capital stock $1,000,000, at such time as the board of directors might prescribe.

By a later act under the Laws of 1855, chapter 543, passed April 17, 1855, power was given to the Manhattan Gas-light Company to increase their capital stock $2,000,000 at such time as the board of directors might prescribe by resolution of said board, with power to adopt such resolution within six months from the passage of the act.

Under a resolution of the board this issue of $2,000,000 worth of stock was credited by a transfer of $18 per share, amounting to $720,000 (40,000 shares at $18 per share), from the surplus profits of the company, and the issue seems to have been made to the shareholders for the equivalent of their present holdings, and the remainder, viz, $32 per share was paid in in cash by the 1st of January, 1866.

To show the particulars of these transactions I have abstracted the details of the capital account on pages 661 to 664. By the books of the company it appears that no business was done by the company until about February 1, 1836, and the details of this for the period to November 11, 1884, I show upon statement, pages 665 to 670, being an abstract of the profit and loss account for the whole period of their doing business. It gives in totals, by yearly and five-yearly periods, the gross income and total cost of gas, and depreciation with dividends paid, and at the foot of such statement the tabulated amounts.

These particulars show that the company, during its business period, divided among its shareholders the sum of $25,847,675.66, which includes $1,500,000 (part of $2,000,000) of certificates, and the interest thereon paid to the shareholders out of the surplus profits, and likewise includes $720,000, before referred to as credited up for capital on account of the last issues of shares. After this the company had a balance to their profit and loss account of $876,134.67, which really represented the surplus capital to provide for the increased value of the assets, as shown by their books, beyond the amounts which these investments presumably cost.

The properties, etc., of the Manhattan Company were, on November 11, 1884, transferred to the Consolidated Company, at a largely increased value beyond that stated on the books of the former company, and in explanation of this appreciation or increased value of assets, as taken over by the Consolidated Company, the particulars on pages 671-672 will show the state of the accounts upon the books of the Manhattan Company when they were closed on November 11, 1884, and the value of same as taken over by the Consolidated Company.

The balance as shown thereon being $11,940,000, equal to the stock issued by the new company in payment of the properties, franchises, etc., of Manhattan Company.

The column on the debit side of this account, headed "Appreciation written up," and amounting to $7,093,462.11, gives in details the increased value placed upon the various properties and franchises beyond the amount of presumed cost or value stated in the books of Manhattan Company.

Statements are also given upon pages 673 to 683 of the capital investment for real estate, buildings and improvements, services and mains and meters, showing in detail the outlay, year by year, from the inception of the company to November 11, 1884, and giving the methods and forms in which the Manhattan Company treated their investment accounts.

A further statement on pages 684 to 690 is given of the capital stock and surplus profits, according to the books of the company, used in the business, and upon comparison will show that the Manhattan Company was in possession of ample capital, and sufficient to enable it to accumulate very large profits, and so pay the various dividends.

In July, 1863, this company sold to the Metropolitan Gaslight Company, New York, their real estate and station at Sixty-fifth street, together with the mains, services and meters in use above the center of Thirty-fourth street, for the sum of $685,301.02, and received therefor a mortgage for $161,500 and stock in the said Metropolitan Company 2,356 shares of the par value of $1,178,000.

This stock of the Metropolitan Company appears to have been placed in the hands of Moses Taylor and Henry Young in trust, and by them sold for the benefit of the Manhattan Company; the proceeds of this sale were used to pay the fifty-eighth dividend of the Manhattan Company.

The particulars of this sale, as far as I can ascertain at present, are not fully described in the books, but a complete investigation would no doubt reveal the exact manner in which this transaction was consumated.

In the early part of 1857, and continuing until October, 1863, the company was in the habit of transferring, at certain periods,

an amount from profit and loss to the credit of depreciation account, creating a reserve fund to meet the wear and tear of the various properties and works, and during these years the amounts so charged to profit and loss amounted to nearly $1,000,000.

It seems, however, that the company having also provided for alterations and improvements by charging such expenses to the profit and loss account, subsequently by resolution of the board of directors in November, 1863, they re-transferred $756,288.51 to the profit and loss account, and the balance then left, $500,000, was together with $1,500,000, credited to the registered certificate account under date of June 1, 1867, to meet that amount of certificates before referred to. These registered certificates were paid in cash by the Manhattan Company by redemption and by installment from the period of December, 1871, to October, 1877, with interest at seven per cent. from the date of issue until payment.

I have compiled a statement, fol. 6 1-694, of the dividends paid by the Manhattan Gas-light Company during the period of its business, showing at stated periods the total capital subscribed in cash, and dividends paid, giving a comparison between a calculation of ten per cent. on the capital paid up and the dividends paid.

The result of this shows that basing it upon the actual cash capital subscribed, amounting to $3,280,000, there was an excess of dividends paid beyond ten per cent. of $15,509,544.13.

In the year 1856, however, I have included in the dividend $18 per share on 40,000 shares, transferred from surplus profits to the credit of these shares, which, with the $3,280,000 cash subscribed, completes the full account of $4,000,000, but as the sum of $720,000 was credited to the capital as before stated, and subsequently treated as capital stock, I have deducted this from the amount of dividends, and reduced the excess of dividends over ten per cent., to $14,789,544.13.

From the foregoing statements the following are the benefits derived by the stockholders of the Manhattan Company from the operations from 1836 to 1881 on the subscribed capital as follows:

Total capital subscribed in cash.....	$3,280,000
Transfer from surplus profits as before mentioned, $18 per share on 40,000 shares (last issue)	720,000
	$4,000,000

Dividends paid to stockholders as per account fol. 691 to 693, inclusive, of $1,500,000, part of the issue of registered certificates and interest at seven per cent, until payment.....		$25,847,675 66
Balance of depreciation account included in issue of $2,000,000 certificates.....		500,000 00
		$26,347,675 66
Deduct, credited to capital stock on account of last issue of shares (included in amount of dividends)		$720,000 00
Total dividends, certificates and interest thereon paid in cash		$25,627,675 66

Increased valuation beyond stated value of real estate, plant, works, mains, services, etc., in books of Manhattan Company, and the appraisement to the Consolidated Company.

Balances of the separate accounts.....		$4,872,999 49
Appreciation	$1,764,462 11	
Franchises	2,329,000 00	
Total appreciation on assets.....		7,093,462 11
		$11,966,461 60
Liabilities of Manhattan Company assumed by Consolidated Company of which $400,000 was dividend	$620,740 78	
Deduct value of coal, lime, gas, consumers' accounts and other assets taken over.....	594,279 18	
		26,461 60
		$11,940,000 00

For which stock in the Consolidated Company was issued to the stockholders of the Manhattan Company who therefore have received for the original investment of $3,280,000.

Dividends and certificates paid in cash.....		$25,627,675 66
Stock in Consolidated Company	$11,940,000 00	
Less cash capital subscribed to the Manhattan Company....	3,280,000 00	
		8,660,000 00
Total received beyond the original cash investment		$34,287,675 66

THE NEW YORK GAS-LIGHT COMPANY.

This company is the oldest in New York and its business was continued for about sixty-one years with uninterrupted success and proved to be very profitable.

It was incorporated in the year 1823 with a capital of $1,000,000. Of this sum $200,000 was paid in shortly afterward. In 1824, 1825 and 1826 further sums were paid in, making a total of $495,000, and in the year ending November 1, 1837, the balance of $5,000 was received, making a total of $500,000.

In the following year a further $250,000 was paid, making a total cash capital of $750,000 which was the entire and total amount of cash capital subscribed by the stockholders.

The capital of this company was subsequently increased to $1,000,000 out of the surplus profits of the company, as follows:

There was transferred from the surplus profits to the credit of stock account in the year ending January 31, 1862, $250,000, and in the year ending June 1, 1871, a further sum of $3,000,000 when the company was reincorporated under the general laws of the State.

The account 695-6 will give the particulars of the creation of the capital. The statement on page 697 to 707 gives the profit and loss account of their business for the period of about six-one years, the time it was in existence.

The large surplus profits necessary to create this new capital were nominally made up by appreciation of the value of the real estate, plant, etc., but the grounds or basis for so doing do not appear.

The dividends paid by this company, as detailed on pages 717-20 have been continuous from the year 1825 to 1884, and in some years at a very large per centum.

The total paid in cash to 1871 is.....	$11,711,078 50
And from 1871 to 1884.....	3,520,000 00
A further dividend paid by the Consolidated Gaslight Company	10,000
Making a total of.....	$15,271,078 50
Stock dividends or amounts transferred to the credit of capital stock account.....	3,250,000 00
Making the total profits paid in cash and transferred to the credit of stock account.....	$18,521,078 50

This company was, many years ago (similarly to the Manhattan Company), in the habit of transferring from their profit and loss account sundry items to provide for depreciation and wear and tear of property which in the aggregate amounted to a very considerable sum.

Finally this was written back by appreciation to the Con-

solidated Company and the balance shown on the profit and loss resume on page 707 amounting to $3,647,258.19 is in fact the surplus profits of the company beyond the stock capital account.

The following gives the benefits the stockholders derived from the operations of this company:

Net profits, statement No. 1		$1,344,217 78
Net profits, statement No. 2		15,706,437 97
Profits written up direct to depreciation account		66,689 61
Profits on reorganization and consolidation		5,898,302 63
		$26,015,647 99
Paid in dividends exclusive of $40,000 paid by Consolidated Company		$18,484,078 50
Depreciation written off		3,884,311 30
Surplus remaining ($40,000 of this return to stockholders)		3,647,258 19
		$26,015,647 99
Total capital paid in in cash		$750,000 00
Transfer from surplus profits as before mentioned		3,250,000 00
		$4,000,000 00
Balance of separate account		$4,670,642 03
Appreciations	$1,512,357 97	
Franchise	1,417,000 00	
		2,929,357 97
		$7,600,000 00

For which stock in the Consolidated Gas Company was issued.

The stockholders have therefore received from their original investment of		$750,000 00
Dividends	$15,234,078 50	
Dividend paid by Consolidated Gas Company, January 26, 1885	40,000 00	
Received in shares of Consolidated Gaslight Company	7,600,000 00	
		22,874,078 50

Total return to stockholders above their original cash investment during the years 1823 to

1884 in dividends and stock of the Consolidated Company	$22,124,078 50
And a further estimated surplus yet to be divided of	17,258 19
Total	$22,171,336 69

METROPOLITAN GAS-LIGHT COMPANY.

This company was organized in 1858, under a special act of the Legislature with a nominal capital of $2,500,000.

Upon reference to the statement page 721, it will be observed that of this capital the sum of $612,700 only was received in cash and the remainder was paid for the charter and construction account. On this latter account the sum of $1,178,000 was paid to the Manhattan Company for the purchase of the Sixty-fifth street property, works mains, etc. (reference to which is made under heading of that company), and was apparently issued in payment therefor at the rate of about fifty cents on the dollar.

This company commenced business about the year 1862, and was successfully carried on for the next twenty-two years, as will be observed by the profit and loss account on pages 722 to 726, notwithstanding the fact that dividends were paid upon a large amount of capital issued for property and franchises, a great part of which was issued at a large discount.

The dividend account on page 737-738, shows that the company commenced paying dividends in the year 1866, and continued doing so with the exception of the year 1873. The sum paid to stockholders in the aggregate including scrip certificates of $1,000,000 with interest thereon of $761,249.36 is $7,573,749.36, and it will be observed from the statement that this is an excess over ten per cent. upon the whole of the capital, of $1,973,949.36.

Upon reference to the capital investment account of real estate, property, etc., pages 728-724, it will be seen that although some of the property, plant, etc., was paid for by stock issued at a discount, the valuation to the Consolidated Company, including franchises, is largely in excess of the amount so charged as the purchase price of the same, and as detailed upon the account page 927. The cost (including the stock) of the various properties transferred to the Consolidated Company according to the books was $5,292,175.35, giving an appreciation between that and the appraisement to the Consolidated Company ($7,175,000) of $1,882,824.65.

At various times this company issued bonds and mortgages for considerable sums upon their property, the interest thereon being charged in the regular way of business to the profit and loss account before the profits were determined; the amounts

so outstanding and assumed by the Consolidated Company, viz., for bonds $658,000 and mortgage $30,000, making $688,000, which was deducted from the appraisement of the property value, and stock of the Consolidated Company was issued for the net amount which, in round figures, was increased to $6,500,000, as hereafter shown.

In addition to this, however, there was a large amount of assets belonging to the company which were not transferred to the Consolidated Company but subsequently realized upon and the proceeds divided among the stockholders to the extent of $525,000, and there now still remains an undivided surplus of about $160,000.

The benefits, therefore, derived by the stockholders were as follows:

Total capital paid in in cash	$612,700 00
Total capital for charter	144,000 00
Total capital for purchase of Sixty-fifth street property	1,178,000 00
Total capital for construction	565,300 00
Making a total of	$2,500,000 00
Dividends paid to stockholders in cash	$6,500,000 00
Scrip and interest issued in 1870, subsequently paid off by installments	1,073,749 36
Stock in the Consolidated Company	6,500,000 00
Making a total of	$14,073,749 36
Brought forward	$14,073,749 36
To which must be added division of assets since consolidation, paid in cash	525,000 00
Present undivided surplus, say	160,000 00
Making a total of	$14,758,749 36
From which deduct the nominal amount of stock capital	2,500,000 00
Total received beyond original investment	$12,258,749 36

This company claims to have incurred considerable loss by explosion and fire. By the books, it appears that the loss to the company on this account in 1865, was $108,960.22, $12,000 of which was charged to construction account for new coal sheds, and the balance to profit and loss account, less a small salvage realized upon coal.

In the purchase of the Sixty-fifth street station before referred to, the amount charged to the construction account, as representing the value of the property so taken at cost, and the par value of the stock appears to be the sum of $533,922.62.

MUNICIPAL AND KNICKERBOCKER GAS-LIGHT COMPANIES.

The above companies were organized in the year 1876 and subsequently merged and operated under one management up to the time of the consolidation, on November 11, 1884.

The Knickerbocker Company was formerly the Union Gas-Light Company which passed into the hands of a receiver. It appears that the works of the Knickerbocker Company were partly built from funds supplied by the Bayard estate, and the advances for that purpose amounted to about $1,200,000, which was secured by the lease between the Municipal and Knickerbocker Companies providing for the guarantee of the payment of interest and principal upon the $1,200,000 in bonds. At the same time the Knickerbocker Company stock was purchased by the Municipal for $50,000 in cash, the latter company transferring in trust the whole of its share capital, viz.: 15,000 shares, at $100, each representing $1,500,000 of stock.

The Municipal Company was incorporated July 7, 1876, with a capital of $500,000, and commenced operations by issuing 3,500 shares of stock, at par value of $350,000, to Mr. R. M. C. Graham, in consideration of the purchase of stock in the New York Oxygen Gas Company. Of this $350,000, $250,000 was returned to the treasury of the company, to be sold and used as working capital, leaving the actual cost to the company of the property acquired $100,000. The $250,000 stock was disposed of as follows:

For cash	$215,300
In payment of expenses	8,900
Discount on stock sold below par	25,800
Making a total	$250,000

And $150,000 of stock was issued to Mr. E. Stearns, agent, in purchase of a certain patent-right, known as the Du Motey patent, and this transaction, with the stock issued to Mr. Graham, completed the entire issue of the original stock of $500,000. In 1877, a further increase of $1,000,000 was made on the capital stock of which $800,000 was paid in cash and $200,000 paid for the purchase of patents; and in 1879 a further issue of $500,000;; and in 1880 a further issue of $1,000,000, both of which were paid in cash, making the total issue of capital $3,000,000.

The particulars of the capital account are detailed on page 730.

To enable this company to provide additional capital for its plant and works, an issue was made in 1877, of $750,000 in bonds; $390,000 were sold for cash, and the balance, $360,000, was deposited as security for the purchase of real estate and other property, and of these bonds there remained at the time

of the transfer to the Consolidated $291,000 the liability of which was assumed by the Consolidated Company.

In the last issue of $1,000,000 of stock, in 1880, there was included a subscription by the Bayard estate of three thousand five hundred shares, amounting to $350,000 a check for which was paid to the Municipal Company on March 16, 1880. The history of this transaction appears to be, that the Knickerbocker Company had instituted a suit against the Municipal Company for damages for the non-fulfillment of a certain contract, which action was settled by payment to the Bayard estate on the 16th March, 1880, of the sum of $300,000 and the $50,000 before referred to for the purchase of the Knickerbocker stock, making a total of $350,000 capital; a check by the Bayard estate for $350,000 was concurrently paid to the company as a subscription for the 3,500 shares so issued. This stock appears by the register of stockholders to have been subsequently transferred in part to the shareholders of the original Knickerbocker stock unde arrangement between the parties. The above amount of $300,000 for damages was charged to the profit and loss account, and the $50,000 was charged up as an investment for Knickerbocker stock, so that in reality the company had paid damages and invested in the Knickerbocker stock at the expense of their capital account, and the transactions being concurrent, the company in reality parted with no money. In 1880, when the Knickerbocker property was acquired by the Municipal as before stated, the two companies were conducted under one management, and a separate set of books was kept showing the production and profits of each company at its respective work, as likewise the amounts paid out for improvements to works and mains, etc., and the cost of each was provided out of the Municipal funds. The separate profits of the two companies are shown in statement pages 740-739 and result in a surplus, during the operations, of $2,493,543.51 after payment of dividends amounting to $2,806,192.50.

The profit and loss account also contains a credit on June 30th, 1879, of $300,000 paid by the New York Gas-light Company for the right to manufacture gas by the process then in use by the Municipal Company.

The purchase of this patent in the first place was charged up to the "purchase of patents account," but the sum received for the right from another company was credited up to "income account." The total outlay by the Municipal Company for real estate, buildings, works, plant, services, mains, meters, etc., was $4,092,347.86, which was appraised to the Consolidated Company at $5,100,000, leaving an appreciation, including the franchise, of $1,007,652.14. The Knickerbocker Company's outlay for improvements, meters, plant, services, etc., provided for by the Municipal amounted to $810,481.15, but the works,

the value of which is not brought into the books, were appraised to the Consolidated Company at $3,000,000 leaving an appreciation (subject to mortgage bonds) of $2,189,518.85. The total amount, therefore, of the two properties transferred to the Consolidated Company was $8,100,000, from which was deducted for liabilities $1,500,000, leaving a net amount of $6,600,000 of stock issued to the stockholders of the Municipal Company in consideration of the two properties, less the incumbrances.

In reference to the dividend account, page 750, it will be seen that the Municipal Gas-light Company commenced paying dividends in 1879 and for the six years ending 1884, paid to its shareholders the sum of $2,806,192.50, by way of dividends, to which must be added the stock of the Consolidated Company amounting to $6,600,000, making a total of $9,406,192.50.

To this, however, must be added division of assets since the consolidation already paid, $795,000, and a further surplus of about $137,000, making a total amount received and to be received by the stockholders of the Municipal Company for the original capital:

Cash dividends and surplus to be divided.....	$3,738,192 50
Add the stock of the Consolidated Company to represent the original investment of $3,000,000	6,600,000 00
	$10,338,192 50
Deduct amount of stock capital paid in.....	3,000,000 00
Net benefits received in cash and stock beyond the original investment	$7,338,192 50

As before mentioned, the Knickerbocker stock was bought by the Municipal Company for $50,000, which was charged to an account called "The Knickerbocker stock account." The stock itself, however, was transferred and held in the name of trustees, and arrangements with the old stockholders were apparently made by the subscribers to the Bayard stock of 3,500 shares, a part of the issue of 1880. When the Municipal Company was transferred to the Consolidated Company this stock was divided *pro rata* among the then stockholders of the Municipal Company, and taken at a valuation, to include plant, of $3,000,000, from which was deducted the bonded debt of about $1,137,000. The shareholders of the Municipal, therefore, were benefited in this transaction nearly $1,863,000, and by the profits accumulated from the manufacture, less the outlay upon the works and the cost of the stock, about $860,481.15.

HARLEM GAS-LIGHT COMPANY.

This company was incorporated in 1855 under the act entitled "An act to authorize the formation of gas-light companies,"

passed February 16, 1848, and during the first year of its existence, issued and received payment for $85,000 of stock. Within the succeeding four years it issued further capital to the amount of $262,900 of which $150,950 was issued in payment for construction and works. By subsequent issues at different periods the total stock capital was brought up to $2,000,000, of which $1,569,050 was paid up in cash, $150,950 was issued as above in payment for construction and works, $200,000 was credited by appreciation by resolution of the board, May 21, 1866, and $80,000 was issued in July, 1864 by way of scrip dividend.

The particulars of the foregoing are shown by the capital account, pages 751-752. In 1875 $150,000 in bonds bearing interest at seven per cent. per annum, payable one-half yearly were issued and subscribed for, and in 1879 a further $20,000 were taken up, making a total bonded debt of $170,000.

The company did not enter upon active business until the early part of 1857, and the results up to the time of their amalgamation with the Consolidated Gas-light Company are shown in yearly, and five yearly periods by the analysis of the profit and loss account pages 753-757.

An examination of the figures contained in the above-named analysis will show that the company during the twenty-seven years of its active business paid to its stockholders dividends to the amount of $2,329,917.25 (inclusive of the $80,000 scrip), and paid interest regularly on their bonds.

From the statement headed "Current Capital account," pages 761 to 764, it will be noted, that this company, whilst always commanding a steady business had not at all times ample capital at command. This arose to a great extent from a very large portion of the business of the company being the public lighting, which returned but a bare profit, if any, on the cost.

The rate of dividends paid by this company has at no time been excessive, averaging in many years considerably below ten per cent. (See Capital and Dividend Account pages 765-766).

The transfer of this company's property to the Consolidated Gas-light Company was effected at an appreciation of (in round figures) $1,313,000, on the real estate, buildings, retorts, plant, mains and services, and the franchises and rights were charged up at $469,082.54. (For the further full particulars of this, see particulars of sales to Consolidated Gas-light Company, page 758.) The statement shows $3,000,000 Consolidated stock issued, the actual amount of stock received, however, approximated $2,830,000—$170,000 being retained by the Consolidated Gas Company, on account of liability assumed by them of the $170,000 bonds of the Harlem Gas-light Company, which have since been paid off by the Consolidated Company.

From the foregoing, and by reference to the annexed tabulated statements it will be seen that in a condensed form the

following figures give particulars of total cash and capital investments and profits derived therefrom by the stockholders of the Harlem Company by way of dividends, and by sale under the consolidated scheme to the Consolidated Gas Company.

Total capital subscribed in cash, and issued for construction (cash)		$1,720,000 00
Issued by appreciation		200,000 00
Issued by scrip dividend		80,000 00
Total		$2,000,000 00
Total dividends paid to stockholders, as per account pages 765-766, exclusive of $80,000 scrip dividend		$2,249,917 25
Increased valuation beyond stated value of real estate, plant, mains, services, etc., in books of Harlem Company, and the appraisement to Consolidated Company:		
Balance of separate accounts		1,243,986 97
Appreciation	$1,312,733 98	
Franchises	469,082 54	
		1,781,816 52
		$3,025,803 49
Brought forward		$3,025,803 49
Liabilities assumed by Consolidated Company:		
Bonded debt	$170,000 00	
Sundry liabilities	168,705 93	
	$338,705 93	
Deduct value of consumers' accounts, coal, tools, stores, materials, coke, cash assets, etc.	142,902 44	
		195,803 49
		$2,830,000 00

This being the amount of stock issued by the Consolidated Company to the Harlem Company, viz.: $3,000,000, as shown by statement page 758, less liability of $170,000 assumed by the Consolidated Company on account of the bonded debt of the Harlem Company hereinbefore referred to.

The stockholders of the Harlem Company have therefore received for their original investment of $1,720,000 represented by stock of $2,000,000,

Dividends	$2,249,917 25
Consolidated stock as above	2,830,000 00
	$5,079,917 25
Deduct cash paid for stock	1,720,000 00
Received in cash and stock of Consolidated Company for the original investment	$3,359,917 25

The foregoing gives a succinct history of the constituent companies of the Consolidated Company, and on page 775 give a tabulated statement showing the various capital accounts, the benefits, etc. On reference to this statement it will be seen that the total benefits derived by the stockholders from their investment have been, in cash dividends, surplus assets, and stock in the Consolidated Company $79,418,703.26, and in addition thereto the equivalent of the original stock in the stock of the new company.

On page 776 are shown the assets and liabilities transferred by the constituent companies to the Consolidated Company, but collected on their account, and liquidation of the current liabilities at the time of the transfer.

It therefore shows that the constituent companies really paid back to their stockholders the working capital of their separate concerns, which in the aggregate amounted to (say surplus assets)	$1,707,089 99
Add dividends paid for the Manhattan and New York Companies included under that head..	440,000 00
	$2,147,089 89

THE CONSOLIDATED GAS COMPANY.

The various constituent companies were organized into the Consolidated Company at a par value of $39,078,000, which represents, according to the following schedule, the valuation and appraisement of the real estate, mains, services, etc., and other properties and franchises.

8244	New York.	Manhattan.	Metropolit'n.	Municipal.	Knicker-bocker.	Harlem.	Total.
Street mains, valves, etc	$950,000	$1,083,000	$971,000	$749,000	$744,000	$720,000	$5,217,000
Meters	215,000	367,000	273,000	158,000	69,000	113,000	1,195,000
Services	127,000	350,000	233,000	103,000	81,000	111,000	1,005,000
Plant	2,874,000	3,623,000	2,044,000	1,804,000	980,000	826,000	12,151,000
Real estate	1,607,000	3,563,000	1,474,000	889,000	480,000	604,000	8,617,000
Bulkheads, piers and water rights	250,000	425,00	300,000	200,000	115,000	100,000	1,390,000
Office buildings	100,000	175,000	.....	.....	.....	50,000	325,000
Office furniture	15,000	20,000	12,000	16,000	2,000	5,000	70,000
Laboratories, photometer rooms, etc	5,000	5,000	5,000	6,000	1,000	2,000	24,000
	$6,143,000	$9,611,000	$5,312,000	$3,925,000	$2,472,000	$2,531,000	$29,994,000
Rights, franchises, etc	1,417,000	2,329,000	1,863,000	1,175,000	528,000	469,000	7,781,000
Totals	$7,560,000	$11,940,000	$7,175,000	$5,100,000	$3,000,000	$3,000,000	$37,775,000

Furthermore, a certain amount of stock was reserved by the Consolidated Company, amounting to $1,303,000, to be hereafter sold to provide working capital, and a sum of $2,329,000 was also reserved from such valuation of $37,775,000, to be disposed of from time to time in providing for the current obligations and bonds of the various companies.

This stock had not been disposed of at the time your committee commenced its labors, but some of the liabilities had been paid, viz.:

This stock had not been disposed of at the time your committee commenced its labors, but some of the liabilities had been paid, viz.:

The bonds of the Harlem Company.....	$170,000 00
Notes of the Knickerbocker Company.....	450,000 00
Total	$620,000 00

The stock above referred to, and amounting to $3,647,940, was held by the treasurer in trust for the company at the commencement of your committee's sittings.

The time for the Consolidated Company to close its accounts for the first fiscal year is, I am informed, on the 31st of December, 1885, therefore, the full result of the year's operations on the method it intends to pursue in closing up its accounts is not apparent. The monthly trial-balance to October 31, 1885, and profit and loss account to June 30, 1885, were, however, produced.

The profit and loss account to 30th June, 1885, showed net profits of $1,832,503.38, and left after payment of the first dividend of three and one-half per cent., $592,988.88 carried forward to a new account. This represents the apparent profits of the company, as made up from November 11, 1884, to June 30, 1885, the best season of the year.

About the 24th of November last, a further dividend of three and one-half per cent. was declared, and made payable on the 15th December, which, at the time of declaration, had not been earned, and it is doubtful if sufficient was to the credit of profit and loss account on the date of payment—15th December.

From an examination of the accounts as submitted to me up to the 31st October, 1885, the seven per cent. dividend was not earned, nor can it be shown, in my opinion, that at the 31st December, 1885, if the accounts are made up upon a true basis of reserving a proper amount of depreciation and wear and tear, that the payment of this dividend is warranted by the earnings.

It having been represented by witnesses during the progress of the committee's labors that the wear and tear of the gas plant is about twelve and one-half per cent. per annum, it can readily be seen that such an amount has not been expended

or provided for, even if you take the plant and works at the actual cost, instead of the appraised value* It is further noticed that large sums have been expended and charged to plant, works, etc., thereby considerably increasing the apparent outlay for plant and increasing the depreciation in future years.

This question of reserving for repairs and depreciations is one that demands careful consideration, and should undoubtedly be a charge to expense account, for a fair proportionate sum yearly, even if the amount so set aside or decided upon, has not been expended.

In all well-conducted manufacturing interests such a course is pursued, to equalize the earnings and avoid an excessive charge in one year as against another, when the expenditure is variable, and chances of accidents occurring, entailing a considerable outlay to replace.

The Treasurer of the company has testified that it was necessary to borrow money to pay the dividend, and to meet that obligation the company discounted $600,000 worth of notes with their bankers, pledging their receipts therefor to meet them at maturity.

From the foregoing it is evident that the profits of the company are exhausted in the payment of the dividend. It must, however, be considered that some of the obligations of the old companies have been paid off, and, there being no working capital to provide for the cash assets, excepting the credit obtained for supplies, the company, of necessity, must be a borrower, and, to provide means to carry on their business, they have contracted loans from February, 1885, which must continue unless more capital stock is subscribed, or a surplus fund created out of profits.

The stated object of consolidation being to reduce the price of gas by curtailment of expenses, centralizing their works, and manufacturing at the minimum of expense, has not, to any extent, been effected. The cost of the executive management is large (amounting to $75,000 per annum), while, in many instances, other expenses remain the same, and what has been gained by the consumers in the nominal reduction of the price of gas from $2.25 to $1.75 per thousand feet is largely accounted for by the decrease in leakage from the closing of mains formerly in use.

The fact still remains, however, that the Consolidated Company is now paying to its shareholders, who were stockholders in the old companies, dividends approximating in amount the dividends received by them on their corresponding holdings in the constituent companies; and while the consumers may have benefited by the cost of gas from reduction of expenses, no concession is made by the shareholders.

The gas produced and distributed by the company for one

year ending November 11, 1885, is estimated at 3,820,000,000 cubic feet, and has produced a profit of about sixty-five cents per thousand feet or thirty-eight and one-quarter per cent. of the average receipts ($1.70 per thousand feet) from consumers as profits.

It appears by the London gas companies' accounts that a larger quantity of gas (4,234,164,000 cubic feet) is produced by the South Metropolitan Gas Company on a capital of $11,401,800 and the price to consumers per thousand cubic feet is sixty-eight cents, while the shareholders receive a dividend of about twelve per cent. for the year 1884. The capital used to produce this quantity is $2.69 per thousand cubic feet, while in the Consolidated Company of New York upon the present capitalization $10.23 is required.

It is quite evident from the workings of this company that little relief can be extended to gas consumers beyond the present price charged, if the stockholders expect a continuous dividend of seven per cent. upon the present capitalization. Some relief might be afforded by consolidating the various works, and so curtail expenses to a minimum, and avoid the use of unnecessary mains to decrease the loss of gas, which, in the year 1883, amounted (including the consumption at works) to fifteen per cent. of the total produced. Should this be adopted, and a fair dividend paid upon the actual capital invested, the cost to consumers will be materially lessened.

The stock of the Consolidated Company is listed on the New York Stock Exchange, and considerable dealings have taken place. An investigation of the stock accounts shows that while a few of the original stockholders have increased their holdings, new holders have acquired 30,662 shares out of a total of 354,300 shares allotted to the stockholders of the constituent companies. With the exception, therefore, of about one-seventh, the shares are now held by the same parties who held them before the consolidation.

New York Mutual Gas-Light Company.

This company was organized under chapter 651, Laws of 1866. Its original share capital was $500,000 which in 1870 was increased to $5,000,000.

The books of the company open in November, 1871, with entries tending to show that the whole of the capital of $5,000,000 was allotted as fully paid to the parties contracting to supply the buildings, materials, plant, mains, services, etc., but this seems to have been merely a technical transaction to render the capital legally issued as fully paid.

The contractors appear to have donated the stock to the treasury of the company, and it was then issued to subscribers at fifty cents on the dollar, the whole of the original buildings,

materials, plant, mains, services, and real estate being paid for in cash out of the proceeds of such stock sales.

The company commenced active business toward the close of the year 1873, and during the twelve years ending December 31, 1884, after paying dividends to the amount of $3,612,500 accumulated a credit balance to their profit and loss account of $3,129,708.40, a considerable portion of which has been expended in general construction, mains, services, etc.

In 1871 the company made a first issue for cash of $220,000 on account of a total issue of $1,000,000 of first mortgage bonds, bearing six per cent. interest, redeemable at the option of the company. This issue was continued during 1872, 1873 and 1874, and the last $100,000 issued during 1878. The whole of the loan was redeemed during the four succeeding years.

In 1882 the company made a second issue of $1,500,000 six per cent. mortgage bonds, exchanging these for a like amount of capital stock at par, thereby reducing the stock capital to $3,500,000.

Part of these bonds have since been bought up by the company, so as to leave now account of unredeemed bonds at the close of 1884, $1,296,000.

Against this, and ostensibly to meet this liability when due, the company has from time to time invested its surplus profits in United States bonds, and now hold $900,000 par value.

The company does not appear to have materially appreciated or depreciated its assets, the cost of repairs and maintenance having been periodically charged against income, thereby effecting, though in a less direct manner, the ends gained by a direct charge to depreciation.

Irrespective of the above, however, the company has, at different periods, written off the sum of $176,500 on account of patents purchased and worked, which have proved of no value.

The analysis of profit and loss accounts, page 768 gives the workings of the company in yearly periods and particulars of the dividends paid, and the subscription and repayment of first and second mortgage bond issues, will be found on page 767.

Page 770 gives particulars of the real estate investments, which will stand at the figures of the original investments, and page 771 gives particulars of the investments other than real estate.

The balance sheet page 767 gives the exact position of the company on December 31, 1884.

The Mutual Company, it was originally intended should join in the consolidation, but for reasons they did not do so. The original capital of the Consolidated Company was fixed at $5,000,000, and the proportion of the Mutual being $3,922,000, the present capital of the Consolidated Company was reduced to that extent.

EQUITABLE GAS-LIGHT COMPANY.

This company was incorporated in 1882 with an authorized capital of $2,000,000, which was subsequently increased to $3,000,000; it commenced business in 1882 by the purchase of the patent rights belonging to Mr. Jermanauski for $1,000,000 in fully paid shares of the capital stock of the company; Mr. Jermanauski then donated $500,000 of this stock to the company for the purpose of providing working capital to build works, etc.

This stock was all sold at par, and paid for in cash.

In addition to the above item $190,000 in shares were issued at par in part payment on contract for the erection of works.

The remainder of the capital, $2,310,000, has all been subscribed for, payable in installments, on account of which $1,742,247.68 has been paid in cash up to November 30, 1885, $82.32 interest allowed on anticipated payments, leaving a balance still to be paid in of $567,320.

The Company has issued besides $1,000,000 in coupon bonds, and owes on mortgage on its real estate and works the sum of $90,000, making the total capital upon which it is at present operating $3,832,680. On the first November, 1885, to which time the accounts were taken out, this item stood at $3,737,865.

The investments for works, etc., against this capital including the $500,000 for patents, amount to $3,381,850.10, and the difference is made up of cash in bank, value of materials on hand, and bills against consumers, due and unpaid, amounting to $350,614.90. Of this sum, however, considerable amounts are being expended for real estate (over $500,000) to provide additional works to increase production.

This company did not commence to produce and distribute gas until the month of December, 1884, and has sent out during the eleven months 233,118,800 cubic feet, and is now producing a maximum of about 2,500,000 cubic feet per diem.

The various companies before referred to comprise all the gas companies doing business in New York city, exclusive of those east and north of the Harlem river.

Respectfully submitted,

J. YALDEN,
Public Accountant and Auditor,
151 Broadway, New York.

TABLES

(Prepared by the Expert)

Showing the Various Items of the Amounts Stated in His Foregoing Report. Abstracts of the Capital Accounts, the Accounts for Construction, Repairs, Properties, Depreciation, Expenses, Profits, Dividends, Earnings and All Other Important Accounts Are in These Tables Stated Separately With Respect to Each New York Gas Company.

A—MANHATTAN GAS LIGHT COMPANY.

Capital Account.

DATE.	Capital created	Cash	Dividends declared and paid	Instalments credited by resolution
1831				
Feb. 1. 1st issue under original charter. 10,000 Shares at $50.....	$500,000.00	.....	.....	.....
Feb. 1.....	.....	$1,625.00	.....	.....
July 31.....	.....	825.00	.....	.....
Aug. 31.....	.....	5,160.00	.....	.....
Sept. 30.....	.....	880.00	.....	.....
1833				
May 31.....	.....	2,440.00	.....	.....
June 30.....	.....	1,220.00	.....	.....
July 31.....	.....	37,830.00	.....	.....
Aug. 31.....	.....	20.00	.....	.....
1834				
July 1.....	.....	50,000.00	.....	.....
1835				
Jan. 1.....	.....	25,000.00	.....	.....
to 1836				
Jan. 1.....	.....	75,000.00	.....	.....
	$500,000.00	$200,000.00	.....	.....
1836				
Sept. 1.....	.....	$50,000.00	.....	.....
1837				
Jan. 1.....	.....	.....	*24,000.00	.....
1839				
Mar. 31.....	.....	20,000.00	27,500.00	.....
		$70,000.00	$51,500.00	.....
1841				
July 31.....	.....	$28,548.00	.....	.....
1842				
Jan. 1.....	.....	1,062.00	$17,100.00	.....
1843				
Jan. 1.....	.....	30,390.00	18,900.00	.....
1844				
Jan. 1.....	.....	.....	19,800.00	.....
1845				
Jan. 1.....	.....	.....	19,800.00	.....
1846				
Jan. 1.....	.....	37,498.00	21,000.00	.....
		997,498.00	99,600.00	.....

*Feb. 1836, $12,000; Sept. 1836, $12,000.

A—MANHATTAN GAS LIGHT CO.

Capital Account—(Continued).

YEAR ENDING	Capital created	Cash	Dividends declared and paid	Instalments credited by resolution
1847 Jan. 1	.....	$130,145.00	$24,300.00	.....
1848 Jan. 1. 2d issue. 20,000 shares, at $50	$1,000,000.00	103,622.00	77,500.00	.....
1849 Jan. 1	.....	122,605.00	53,250.00	.....
1850 Jan.	.....	126,067.50	72,875.00	.....
1851 Jan. 1	.....	62.50	85,000.00	.....
	$1,000,000.00	$482,502.00	$312,925.00	.....
1852 Jan. 1	.....	$60,550.00	$85,000.00	.....
1853 Jan. 1	.....	287,372.50	92,625.00	.....
1854 Jan. 1	.....	301,430.00	120.00.00	.....
1855 Jan. 1. 3d issue. 10,000 shares at $50	$500,000.00	395,850.00	148,333.33	.....
1856 Jan. 1. 4th issue. 40,000 shares at $50	2,000,000.00	154,797.50	*905,441.67	.....
Jan. 1. Credit to stockholders of $18 per share on this issue out of "surplus profits."	.....	.....	.....	$720,000.00
	$2,500,000.00	$1,200,000.00	$1,351,400.00	$720,000.00
1857 Jan.	.....	.....	$396,250.00	.....
1858 Jan. 1	.....	.....	277,000.00	.....
1859 Jan. 1	.....	$228,045.00	569,333.33	.....
1860 Jan. 1	.....	497,755.00	600,000.00	.....
1861 Jan. 1	.....	.....	525,000.00	.....
		$725,800.00	$2,367,583.33	.....
1862 Jan. 1	.....	$4,200.00	$525,000.00	.....
1863 Jan. 1	.....	.....	525,000.00	.....
1864 Jan. 1	.....	468,567.50	1,337,880.83	.....
1865 Jan. 1	.....	4,250.00	875,000.00	.....
1866 Jan. 1	.....	7,162.50	200,000.00	.....
		$504,200.00	$3,462,880.83	

*Inclusive of above, $720,000.

A—MANHATTAN GAS LIGHT CO.

Capital Account—(Continued).

YEAR ENDING	Capital created	Cash	Dividends declared and paid	Instalments credited by resolution
6 months ending 1866				
July 1	.....	.....	$200,000.00	.....
Year ending 1867				
July 1	.....	.....	400,000.00	.....
6 months ending 1868				
Jan. 1	.....	.....	270,000.00	.....
Year ending 1869				
Jan. 1	.....	.....	1,140,000.00	.....
1870				
Jan. 1	.....	.....	940,000.00	.....
1871				
Jan. 1	.....	.....	1,140,000.00	.....
			$4,090,000.00	.....
1872				
Jan. 1	.....	.....	$1,540,000.00	.....
1873				
Jan. 1	.....	.....	1,763,428.90	.....
1874				
Jan. 1	.....	.....	411,285.77	.....
1875				
Jan. 1	.....	.....	1,600,011.67	.....
1876				
Jan. 1	.....	.....	1,400,000.00	.....
			$6,714,726.34	.....
1877				
Jan. 1	.....	.....	$960,000.00	.....
1878				
Jan. 1	.....	.....	800,000.16	.....
6 months ending 1878				
July 1	.....	.....	600,000.00	.....
Year ending 1879				
July 1	.....	.....	400,000.00	.....
1880				
July 1	.....	.....	520,000.00	.....
Year ending 1881				
Jan. 1	.....	.....	400,000.00	.....
			$3,120,000.16	.....
1882				
Jan. 1	.....	.....	$800,000.00	.....
1883				
Jan. 1	.....	.....	1,000,000.00	.....
1884				
Jan. 1	.....	.....	1,000,000.00	.....
to				
Nov. 1	.....	.....	1,400,000.00	.....
			$4,200,000.00	.....

A—*Summary.*

FIVE YEARS ENDING.	Capital created	Cash	Dividends declared and paid	Instalments credited by resolution out of profits
1836 Jan. 1.....	$500,000.00	$200,000.00	.....	.....
1841 Jan. 1.....	.....	70,000.00	$51,500.00	.....
1846 Jan. 1.....	.....	97,498.00	96,600.00	.....
1851 Jan. 1.....	1,000,000.00	482,502.00	312,925.00	.....
1856 Jan. 1.....	2,500,000.00	1,200,000.00	1,351,400.00	$720,000.00
1861 Jan. 1.....	.....	725,800.00	2,367,583.33	.....
1866 Jan. 1.....	.....	504,200.00	3,462,880.83	.....
1871 Jan. 1.....	.....	.....	4,090,000.00	.....
1876 Jan. 1.....	.....	.....	6,714,726.34	.....
1881 Jan. 1.....	.....	.....	3,120,060.16	.....
to 1884 Nov. 1.....	.....	.....	4,280,000.00	.....
		$3,280,000.00	.....	.....
Installments credited by resolution out of profits	.....	720,000.00	.....	.....
	$4,000,000.00	$4,000,000.00	$25,847,675.66	$720,000.00

A.—MANHATTAN GAS-LIGHT COMPANY.

Dr. *Analysis of Profit and Loss Accounts from February 1, 1836, to November 11, 1884.* *Cr.*

Year ending.	Total cost of gas, bad accounts and sundries.	Depreciation.	Dividends.	Gross income from gas recovered on bad accounts and sundries.	Appreciation written up.
1834, February 1..	$35,448 48	$1,476 18	$24,000 00	$46,311 79	
1838, February 1..	33,081 94	1,476 18	27,500 00	44,307 58	$13,316 25
1839, February 1..	41,539 88	.....	.....	50,827 36	
1840, February 1..	33,666 73	.....	.....	39,161 03	
1841, February 1..	33,454 04	.....	.....	49,259 71	
	$177,191 07	$2,952 36	$51,500 00	$229,867 47	$13,316 25
1842, February 1..	$34,716 39	.....	$17,100 00	$52,191 75	
1843, February 1..	36,322 04	.....	18,900 00	55,723 06	
1844, February 1..	33,849 23	.....	19,800 00	57,779 08	
1845, February 1..	40,712 12	.....	19,800 00	65,181 30	
1846, February 1..	50,436 51	.....	21,000 00	79,550 64	
	$196,036 28	.....	$96,600 00	$310,425 83	

1847, February 1..	$63,282 09	.....	$24,300 00	$118,004 89	
1848, Feb. 1 (11 m.)				134,453 48	
1849, January 1...	81,809 14	5,887 88	53,250 00	163,268 84	
1850, January 1...	132,776 67	1,706 00	72,875 00	248,595 25	
1851, January 1...	162,913 08	4,250 19	85,000 00	313,712 60	
	$513,731 44	$21,076 74	$312,925 00	$978,035 06	
1852, January 1...	$206,275 28	.....	$85,000 00	$382,256 28	
1853, January 1...	275,239 99	.....	92,625 00	480,917 13	
1854, January 1...	455,108 19	$22,889 15	120,000 00	755,256 02	
1955, January 1...	649,585 99	48,196 66	148,333 33	1,011,728 32	
1856, January 1...	778,550 91	.....	905,441 67	1,22?,028 93	
	$2,364,760 36	$71,085 81	$1,351,400 00	$3,859,186 68	
1857, January 1...	$845,892 52	$327,953 84	$396,250 00	$1,388,744 73	
1858, January 1...	991,786 18	50,000 00	277,000 00	1,511,313 16	
1859, January 1...	1,082,300 41	1,168 39	569,333 33	1,631,050 15	
1860, January 1...	1,200,624 99	50,014 50	600,000 00	1,884,500 86	
1861, January 1...	1,282,967 40	150,000 00	525,000 00	2,128,953 61	
	$5,403,571 50	$579,136 73	$2,367,583 33	$8,544,562 51	

A.—MANHATTAN GAS-LIGHT COMPANY.

Dr. *Analysis of Profit and Loss Accounts, etc.*—(Continued). *Cr.*

Year ending.	Total cost of gas, bad accounts and sundries.	Depreciation.	Dividends.	Gross income from gas recovered on bad accounts and sundries.	Appreciation written up.
1862, January 1...	$1,220,105 61	$227,425 44	$525,000 00	$2,013,623 30	
1863, January 1...	1,186,999 84	450,000 00	525,000 00	2,063,743 77	
1864, January 1...	1,361,835 22	150,000 00	1,337,880 83	2,127,158 04	$903,284 06
1865, January 1...	1,807,845 36	.....	875,009 00	2,296,511 23	
1866, January 1...	2,179,542 01	.....	200,000 00	2,534,258 34	
	$7,756,328 04	$827,425 44	$3,462,880 83	$11,035,294 68	$903,284 06
1867, January 1...	$2,271,254 04	.....	$200,000 00	$2,665,182 51	
1868, January 1...	2,281,431 19	.....	670,000 00	3,357,123 87	
1869, January 1...	2,467,006 74	.....	1,140,000 00	3,838,615 08	
1870, January 1...	2,730,666 69	.....	940,000 00	3,992,864 32	
1871, January 1...	2,684,472 39	.....	1,140,000 00	4,016,839 18	
	$12,434,831 05	.....	$4,090,000 00	$17,870,624 96	

1872, January 1...	$2,837,831 76	6,055 50	1,540,000 00	4,355,565 48	
1873, January 1...	2,614,708 54	11,414 00	1,763,428 90	4,159,800 42	
1874, January 1...	2,442,748 88	100,228 03	411,285 77	3,608,518 61	
1875, January 1...	2,326,617 56	2,220 50	1,600,011 67	3,378,317 11	
1876, January 1...	2,133,164 14	166,217 79	1,400,000 00	3,145,317 84	
	$12,355,070 88	$286,135 82	$6,714,726 34	$18,647,519 46	
1877, January 1...	$1,815,787 01	$432,792 66	$600,000 00	$2,553,778 13	
1878, January 1...	1,559,601 63	10,842 36	800,060 16	2,288,273 52	
1879, January 1...	1,457,539 01	11,174 85	600,000 00	2,072,369 21	
1880, January 1...	1,250,982 75	11,023 33	400,000 00	1,624,755 37	
1881, January 1...	1,352,559 42	5,778 86	720,000 00	1,941,271 81	
	$7,436,469 82	$471,612 06	$3,120,060 16	$10,480,448 04	
1882, January 1...	$1,446,935 98	$5,571 28	$880,000 00	$2,423,660 57	$533,627 12
1883, January 1...	1,517,855 76	4,585 18	1,000,000 00	2,593,792 71	
1884, January 1 to	1,584,429 91	4,203 80	1,000,000 00	2,758,914 10	
November 11..	1,422,013 62	4,351 31	1,400,000 00	2,428,613 07	
	$5,971,235 27	$18,711 57	$4,280,000 00	$10,204,980 45	$533,627 12

A—MANHATTAN GAS-LIGHT COMPANY.

Dr. *Particulars of sale to the Consolidated Gas-light Company, November 11, 1884.* *Cr.*

Account	State of account prior to Cr. of appreciation.	Appreciation written up.	Sold for.	Account	
To real estate*	$3,351,730.74	$811,269.26	$4,163,000.00	By cash	$30,016.70
" plant†	64,247.49	3,582,155.73	3,646,403.22	" interest	8,677.70
" mains and services	1,212,970.77	223,169.96	1,436,140.73	" deposits	86,777.00
" meters	244,050.49	127,867.16	371,917.65	" dividends	400,000.00
" customers	334,500.80	.....	334,500.80	" rents	877.77
" franchises, rights and privileges	.....	2,329,000.00	2,329,000.00	" cancelled deposits and interest	2,000.00
" office furniture	.....	20,000.00	20,000.00		
" coal	240,371.32	.....	240,371.32	" salaries	1,594.44
" lime	576.64	.....	576.64	" mayor, alderman & Co...	50,797.17
" insurance	78.75	.....	78.75	" treasurer State of New York	40,000.00
" water rates	393.90	.....	393.90		
" coke	2,225.00	.....	2,225.00	" balance, being stock of Con. Gaslight Co.....	11,940,000.00
" gas	8,358.80	.....	8,358.80		
" Arnois Le Cour ammoniacal liq	946.12	.....	946.12		
" N. Y. Coal and Tar Co	5,484.67	.....	5,484.67		
" Dept. of Public Works	1,343.18	.....	1,343.18		
	$5,467,278.67	$7,093,462.11	$12,560,740.78		$12,560,740.78

*Real estate:

Real estate additions and improvements, North river	$1,774,919 38
Real estate additions and improvements, East river	1,486,607 42
Real estate additions and improvements, Irving place	90,203 94
	$3,351,730 74

†Plant:

Stoking apparatus	$45,844 27
Material at stations	12,870 31
" " Irving place	3,532 91
Library	500 00
Stationery	1,500 00
	$64,247 49

Dr. A—*Summary.* *Cr.*

Dr. A—*Summary.* *Cr.*

FIVE YEARS ENDING	Total cost of gas, bad accounts and sundries.	Depreciation.	Dividends.	Totals.	Gross income from gas, recovered on bad accounts and sundries.	Appreciation written up.	Totals.
1841, February 1.....	$177,191 07	$2,952 36	$51,500 00	$231,643 43	$229,867 47	$13,316 25	$243,183 72
1846, February 1 (4 yrs. 11 m.)	196,036 28	.....	96,600 00	292,636 28	310,425 83	.....	310,425 83
1851, January 1.....	513,731 44	21,076 74	312,925 00	847,733 18	978,035 06	.....	978,035 06
1856, January 1.....	2,364,760 36	71,085 81	1,351,400 00	3,737,246 17	3,859,186 68	.....	3,859,186 68
1861, January 1.....	5,403,571 50	579,136 73	2,367,583 33	8,350,291 56	8,544,562 51	.....	8,544,562 51
1866, January 1.....	7,756,328 04	827,425 44	3,462,880 83	12,046,634 31	11,035,294 68	903,284 06	11,938,578 74
1871, January 1.....	12,434,831 05	.....	4,090,000 00	16,524,831 05	17,870,624 96	.....	17,870,624 96
1876, January 1.....	12,355,070 88	286,135 82	6,714,726 34	19,355,933 04	18,647,519 46	.....	18,647,519 46
1881, January 1 to.....	7,436,469 82	471,612 06	3,120,060 16	11,028,142 04	10,480,448 04	.....	10,480,448 04
1884, Novem'r 11.....	5,971,235 27	18,711 57	4,280,000 00	10,269,946 84	10,204,980 45	533,627 12	10,738,607 59
	$54,609,225 71	$2,278,136 53	$25,847,675 66	$82,735,037 90	$82,160,945 14	$1,450,227 43	$83,611,172 57
Balance				876,134 67			
				$83,611,172 57			$83,611,172 57

Dr. *Resume.* *Cr.*

Total cost of gas.....	$53,541,211 97		Gross income from gas.....	$81,818,509.44	
Bad accounts.....	449,616 65		Recovered on bad accounts.....	85,435 68	
Sundries	618,397 09		Property rents	7,099 50	
		$54,609,225 71	Sundries	249,900 52	
Depreciation		2,278,136 53			$82,160,945 14
Dividends		25,847,675 66	Appreciation		1,450,227 43
Balance being in Consolidated Gas-light Company's stock		876,134 67			
		$83,611,172 57			$83,611,172 57

The operations of this company necessitated an expenditure beyond the capital stock account of the above balance of $876,134 67, and was consequently invested in plant, services, etc., at the time of the transfer to the Consolidated Company.

A — MANHATTAN GAS-LIGHT COMPANY.

Capital Investments — Real Estate.

Dr. *North River Property.* *Cr.*

DESCRIPTION.	Cost.	Buildings and improvements.	Apparatus.	Appreciation written up.	Totals.	Depreciation written off.	Net.
18th street, North river	$22,986.66	$74,738.76	.....	.....	$97,725.42	.....	$97,725.42
18th street (old) between 17th and 18th streets, and 10th avenue and North river	.....	81,951.01	.....	.....	81,951.01	$21,706.00	60,245.01
18th street (new) between 9th and 10th avenues	11,550.00	44,758.21	.....	.....	56,308.23	.....	56,308.23
10th avenue, 18th and 19th streets	18,000.00	396.71	.....	.....	18,936.71	.....	18,396.71
North river between 16th and 17th streets	100,000.00	1,999.07	.....	.....	101,999.07	.....	101,999.07
North river, 18th street station	320,636.85	94,009.89	.....	.....	414,646.74	.....	414,646.74
North river	.....	74,707.79	$909,073.38	$41,757.03	1,025,598.20	.....	1,025,598.20
	$473,173.51	$372,621.46	$909,073.38	$41,757.03	$1,796,625.38	$21,706.00	$1,774,919.38
East River Property.							
Between 15th and 16th streets, Avenue C and East river	$125,000.00	$1,234.74	.....	.....	$126,234.74	.....	$126,234.74
14th street station, between Avenue B and East river	162,395.00	53,826.88	.....	.....	216,221.88	.....	216,221.88
14th street station	80,100.00	5,034.52	.....	.....	85,134.52	.....	85,134.52
East river	.....	15,101.40	$981,737.44	$62,177.44	1,059,016.28	.....	1,059,016.28
	$367,495.00	$75,197.54	$981,737.44	$62,177.44	$1,486,607.42	.....	$1,486,607.42

A—MANHATTAN GAS-LIGHT COMPANY.

Capital Investments—Real Estate—(Continued).

Irving Place Property.

DESCRIPTION.	Cost.	Buildings and improvements.	Apparatus.	Appreciation written up.	Totals.	Depreciation written off.	Net.
Corner Irving place and 15th street..	$25,000 00	$65,203.94	.....	.....	$90,203.94	.....	$90,203.94

Summary.

North river property.....	$473,173.51	$372,621.46	$909,073.38	$41,757.03	$1,796,625.38	$21,706.00	$1,774,919.38
East river property	367,495.00	75,197.54	981,737.44	62,177.44	1,486,607.42	.....	1,486,607.42
Irving place property	25,000.00	65,203.94	.....	.....	90,203.94	.....	90,203.94
	$865,668.51	$513,022.94	$1,890,810.82	$103,934.47	$3,373,436.74	$21,706.00	$3,351,730.74

A — MANHATTAN GAS-LIGHT COMPANY.

Dr. — *Real estate investments — five-yearly periods.* — *Cr.*

Date.	Description of property.	Cost.	Buildings and improvements.	Profit on sales.	Totals.	Sales.	Loss on sales.	Depreciation written off.	Balance being net cost of investment.
1832, January 1....	Greenwich street.....	*$11,653.05*	*$74.25*	*$686.00*	*$11,727.30*	*$12,413.30*	.....	.....	.....
1834, January 1....	15th street	*7,465.03*	.....	*88.97*	*7,465.03*	*7,554.00*	.....	.....	.....
" "	18th street, North river....	*22,986.66*	.....	.....	22,986.66	.....	.....	.....	$22,986.66
" "	Manhattan island	*13,606.35*	*91.19*	*7,602.46*	*13,697.54*	*21,300.00*	.....	.....	.....
1836, January 1....	18th street, North river....	.....	25,174.16	.....	25,174.16	.....	.....	.....	25,174.16
		$32,724.43	*$165.44*	*$8,377.43*	*$32,889.87*	*$41,267.30*	.....	.....	.....
		$22,986.66	$25,174.16	.....	$48,160.82	.....	.....	.....	$48,160.82
1839, January 1....	18th street, North river....	.....	$2,763.37	.....	*$2,763.37*	.....	.....	.....	$2,763.37
1840, January 1....	Mercer street	*$9,083.50*	*194.78*	.....	*9,278.28*	.....	.....	.....	.....
1841, January 1....	Mercer street	.....	*83.18*	.....	*83.18*	.....	.....	.....	.....
		$9,083.50	*$277.96*	.....	*$9,361.46*	.....	.....	.....	.....
		.....	$2,763.37	.....	$2,763.37	.....	.....	.....	$2,763.37
1842, January 1....	18th street, North river....	.....	$2,620.08	.....	$2,620.08	.....	.....	.....	$2,620.08
1843, January 1....	18th street, North river....	.....	5,472.04	.....	5,472.04	.....	.....	.....	5,472.04
1845, January 1....	18th street, North river....	.....	3,470.70	.....	3,470.70	.....	.....	.....	3,470.70
1846, January 1....	18th street, North river....	.....	1,486.45	.....	1,486.45	.....	.....	.....	1,486.45
" "	Mercer street	.....	.....	.....	.....	*$6,300.00*	*$3,061.46*	.....	*9,361.46*
" "	18th st. (new) 9th and 10th ave.	$11,550.00	43,294.00	.....	54,844.00	.....	.....	.....	54,844.00
		.....	.....	.....	.....	*$6,300.00*	*$3,061.46*	.....	*$9,361.46*
		$11,550.00	$50,343.37		*$67,893.27*	.....	.....	.....	*$67,893.27*

CONSOLIDATED GAS CO. OF NEW YORK VS.

Dr. *Real estate investments—five-yearly periods.*—(Continued). *Cr.*

Date.	Description of property.	Cost.	Buildings and improvements	Apparatus	Totals.	Sales.	Loss on sales.	Depreciation written off.	Balance being net cost of investment.
1847, January 1....	18th street, North river....	.....	$4,370.22	.....	$4,370.22	.....	.....	.....	$4,370.22
1848, January 1....	Bowery	*$9,500.00*	*15,058.00*	.....	*24,558.00*	.....	.....	.....	.....
" "	18th street, North river....	.....	15,314.92	.....	15,314.92	.....	.....	.....	15,314.92
1849, January 1....	18th street, North river....	.....	14,066.82	.....	14,066.82	.....	.....	.....	14,066.82
" "	10th ave., bet. 18th and 19th sts.	18,000.00	.....	.....	18,000.00	.....	.....	.....	18,000.00
1850, January 1....	18th street (new), between 17th and 18th streets....	.....	23,374.53	.....	23,374.53	.....	.....	$1,706.00	21,668.53
" "	18th st., bet. 9th and 10th aves.	.....	419.22	.....	419.22	.....	.....	.....	419.22
1851, January 1....	18th street (old) between 17th and 18th streets, and 10th avenue and North river	.....	3,144.22	.....	3,144.22	.....	.....	.....	3,144.22
		$9,500.00	*$15,058.00*	.....	*$24,558.00*	.....	.....	.....	.....
		$18,000.00	$60,689.93	.....	$78,689.93	.....	.....	$1,706.00	$76,983.93
1852, January 1....	18th street (old) between 17th and 18th streets and 10th avenue and North river	.....	$26,299.11	.....	$26,299.11	.....	.....	.....	$26,299.11

A — MANHATTAN GAS-LIGHT COMPANY.

Dr. *Real estate investments—five-yearly periods.*—(Continued). *Cr.*

Date.	Description of property.	Cost.	Buildings and improvements.	Apparatus.	Totals.	Sales.	Loss on sales.	Depreciation written off.	Balance being net cost of investment.
1853, January 1....	18th street (old) between 17th and 18th streets and 10th avenue and North river	.....	17,006.22	.....	17,006.22	.....	.....	.....	17,006.22
" "	Bowery	.....	*1,895.84*	.....	*1,895.84*	*$24,500.00*	*$1,953.84*	.....	*26,453.84*
" "	14th street station, between Avenue B and East river.	$162,395.00	53,826.88	.....	216,221.88	.....	.....	.....	216,221.88
1854, January 1....	18th street (new) between 9th and 10th avenues....	.....	1,045.01	.....	1,045.01	.....	.....	.....	1,045.01
1855, January 1....	10th ave., bet. 18th and 19th sts.	.....	396.71	.....	*396.71*	.....	.....	.....	396.71
" "	15th street and Irving place	25,000.00	65,203.94	.....	90,203.94	.....	.....	.....	90,203.94
" "	18th street (old) between 17th and 18th streets, and 10th avenue and North river	.....	12,126.93	.....	12,126.93	20,000.00	.....	.....	$351,172.87 7,873.07
		.....	*$1,895.84*	.....	*$1,895.84*	*$24,500.00*	*$1,953.84*	.....	*26,453.84*
		$187,395.00	$175,904.80	.....	$363,299.80	$20,000.00	.....	.....	$343,299.80
1857, January 1....	Between 15th and 16th streets, Avenue C and East river	$125,000.00	.....	.....	$125,000.00	.....	.....	.....	$125,000.00
1859, January 1....	Between 16th and 17th streets, North river	100,000.00	$1,999.07	.....	101,999.07	.....	.....	.....	101,999.07

1859, January 1....	Streets, North river	100,000.00	$1,999.07	.....	101,999.07	.....	.....	.....	101,999.07
1860, January 1....	Between 15th and 16th streets, Avenue C and East river	.....	1,234.74	.....	1,234.74	.....	.....	.....	1,234.74
" "	18th street station	.....	48,070.39	.....	48,070.39	.....	.....	.....	48,070.39
" "	65th and 66th streets, 10th avenue and North river.	*$105,000.00*	.....	.....	*105,000.00*	.....	.....	.....	.....
		$105,000.00	.....	.....	*$105,000.00*	.....	.....	.....	.....
		$245,00.00	$51,304.20	.....	$276,304.20	.....	.....	.....	$276,304.20
1864, January 1....	65th and 66th streets, 10th avenue and North river.	.....	*$85,082.08*	.....	*$85,082.08*	*$105,000.00*	*$85,082.08*	.....	*$190,082.08*
1867, January 1....	18th street station, N. river	$122,900.00	$15,936.63	.....	$138,836.63	.....	.....	.....	$138,836.63
" "	14th street station, E. river	60,100.00	5,034.52	.....	65,134.52	.....	.....	.....	65,134.52
1871, January 1....	18th street station, N. river	197,736.85	30,002.87	.....	*227,739.72*	.....	.....	.....	227,739.72
		$380,736.85	$50,974.02	.....	$431,710.87	.....	.....	.....	$431,710.87
1873, January 1....	14th street station, E. river	$20,000.00	.....	.....	$20,000.00	.....	.....	.....	$20,000.00
1877, July 1.....	North river property.....	.....	.....	$909,073.38	$909,073.38	.....	.....	.....	$909,073.38
" " .	East river property.....	.....	.....	981,737.44	981,737.44	.....	.....	.....	981,737.44
		.....	.....	$1,890,810.82	$1,890,810.82	.....	.....	.....	$1,890,810.82
1882, January 1....	North river property	.....	$15,321.82	$41,757.03	$57,078.85	.....	.....	.....	$57,078.85
" "	East river property.....	.....	.....	62,177.44	62,177.44	.....	.....	.....	62,177.44
1883, January 1....	North river property.....	.....	59,445.97	.....	59,445.97	.....	.....	.....	59,445.97
" "	East river property.....	.....	15,101.40	.....	15,101.40	.....	.....	.....	15,101.40
		.....	$89,869.19	$103,934.47	$193,803.66	.....	.....	.....	$193,803.66

Note.—The italic figures represent property purchased and afterward resold. The profit or loss on the transactions having been carried at time of closure to profit and loss account.

A—*Summary.*

Balances, being net cost of investment for—	
Five years ending January 1, 1836	$48,160 82
" " 1841	2,763 37
" " 1846	67,893 27
" " 1851	76,983 93
" " 1856	343,299 80
" " 1861	276,304 20
" " 1866	.....
" " 1871	431,710 87
" " 1876	20,000 00
" " 1881	1,890,810 82
Three years, ten and one-third months, to November 11, 1884	193,803 66
	$3,351,730 74
Consisting of—	
North river property	$1,771,919 38
East river property	1,486,607 42
Irving place property	90,203 94
	$3,351,730 74

A MANHATTAN GAS LIGHT COMPANY.

Capital Investments other than Real Estate and Plant.

Year Ending.	Apparatus. *Cr.*	Apparatus.	Mains and Services. *Cr.*	Mains and Services.	Meters. *Cr.*	Meters.	Totals.
1836, February 1	.....	$21,980.59	.....	$78,693.47	.....	$6,534.22	$107,208.28
1837, February 1	.....	7,536.96	.....	14,162.20	.....	1,720.06	23,419.22
1838, February 1	.....	11,838.73	.....	2,844.82	.....	3,672.09	18,355.64
1839, February 1	.....	850.59	.....	224.93	.....	−146.20	1,221.72
1840, February 1	.....	1,786.81	.....	11,197.34	.....	880.44	13,864.59
1841, February 1	.....	3,649.96	.....	9,273.14	.....	333.08	13,256.18
	.....	$47,643.64	.....	$116,395.90	.....	$13,286.09	$177,325.63
1842, February 1	.....	* $6,815.81	.....	$5,904.75	†$477.29	.....	$12,720.56
1843, February 1	.....	462.59	.....	3,510.33	.....	$2,452.11	6,425.03
1844, February 1	.....	923.28	.....	5,318.51	.....	1,818.80	8,060.59
1845, February 1	.....	8,264.19	.....	8,522.14	.....	293.02	17,079.38
1846, February 1	.....	3,117.62	.....	15,157.79	.....	2,266.03	20,551.44
	.....	$19,583.49				$6,829.96	$64,837.00
						477.29	477.29
			.....	$38,423.55	.....	$6,352.67	$64,359.71

* Ledger account shows debits for this period..... $19,007.08
But $12,191.27 was transferred to real estate in 1847 wrongly charged to this account..... 12,191.27
$6,815.81

† Rentals exceed outlays during this period.

A—MANHATTAN GAS-LIGHT COMPANY.

Capital Investment other than Real Estate and Plant—(Continued).

Year Ending.	Apparatus. *Cr.*	Apparatus.	Mains and Services. *Cr.*	Mains and Services.	Meters *Cr.*	Meters.	Totals.
1847, February 1	.....	*$29,957.08	.....	$39,384.16	.....	$5,015.06	$74,356.30
1848, February 1, 11 months to	.....	515.80	.....	39,845.31	.....	7,204.39	47,565.50
1849, January 1	.....	7,561.44	.....	52,571.27	.....	6,346.87	66,479.58
1850, January 1	.....	29,635.66	.....	82,020.71	.....	7,326.89	118,983.26
1851, January 1	.....	4,323.89	.....	14,866.88	.....	7,823.50	27,014.27
	.....	$71,993.87	.....	$228,688.33	.....	$33,716.71	$334,398.91
1852, January 1	.....	$81,454.96	.....	$38,285.50	.....	$22,352.60	$142,093.06
1853, January 1	.....	63,753.66	.....	116,383.87	.....	28,787.44	208,924.97
1854, January 1	.....	†14,620.73	.....	90,776.76	.....	41,607.31	147,004.80
1855, January 1	.....	5,320.00	.....	114,453.96	.....	28,111.70	147,885.66
1856, January 1	.....	1,848.50	.....	32,231.95	.....	16,574.95	50,655.40
	.....	$166,997.85	.....	$392,132.04	.....	$134,434.00	$696,563.89
1857, January 1	$81,338.92	.....	.....	$28,358.44	.....	$24,999.73	$53,358.17
1858, January 1	.....	$1,000.00	.....	64,908.62	.....	27,428.80	93,427.42
1859, January 1	.....	161,787.26	.....	29,243.99	.....	22,974.23	214,005.48
1860, January 1	.....	95,502.41	.....	50,199.81	.....	27,763.64	173,465.86
1861, January 1	.....	131,753.34	.....	159,378.25	.....	16,928.53	308,060.12
		$390,043.01					$842,317.05
		1,338.92					*1,338.92*
	.....	$388,704.09	.....	$332,179.11	.....	$120,094.93	$840,978.13

1862, January 1	.....	$60,810.64	.....	$103,302.41	.....	¶$754.29	$164,873.34
1863, January 1	.....	23,534.68	.....	45,361.57	.....	4,526.51	73,222.76
1864, January 1	.....	24,287.20	.....	552.98	.....	3,810.74	28,650.92
1866, January 1 (2 years)	.....	§§.....	§$353,849.23	.....	.....	**2,329.27	2,329.24
							$269,076.29
			149,016.96				149,016.96
	.....	$108,638.52	*$204,832.27*	.....	.....	$11,420.81	$120,059.33
1867, January 1	.....	$95,239.85	.....	$80,016.81	.....	$25,473.70	$200,730.36
1868, January 1	.....	71,209.88	†$6,149.75	.....	.....	25,051.73	96,261.61
1869, January 1	.....	§§.....	.....	55,842.04	.....	27,642.13	83,484.17
1870, January 1	.....	2,283.26	.....	21,750.06	.....	29,789.00	53,822.32
1871, January 1	.....	26,778.93	.....	1,727.49	.....	32,588.00	61,094.42
				$159,336.40			$495,392.88
				6,149.75			*6,149.75*
	.....	‡‡$195,511.02	.....	$153,186.65	.....	$140,544.56	$489,243.13

* Ledger account shows debits for this period..... $58,712.35
But $28,755.27 is transferred to real estate as wrongly charged to this account..... 28,755.27
$29,957.08

† Loss by fire credited in this period $22,842.65.
‡ Sale of apparatus at Eighteenth street station credited.
§ Credits during this period include the following, viz:
Sale of Eighteenth street station to Metropolitan Gas-light Company $334,755.58
Sale of engine and old material 7,380.04
Depreciation written off 16,069.72
$358,205.34

¶ Depreciation credited in this period $3,425.44

** Credits during this period include sale to Metropolitan Gas-light Company $34,801.02
Depreciation written off 13,533.73
$48,334.75

†† Credits during this period include sale of service, $6,512.31.
‡‡ Apparatus account ceases January 1, 1871, and is thereafter amalgamated with real estate.
§§ No items in apparatus account during this year.

A—MANHATTAN GAS-LIGHT COMPANY.

Capital Investments other than Real Etate and Plant—(Continued).

Year Ending.	Apparatus. *Cr.*	Apparatus.	Mains and Services. *Cr.*	Mains and Services.	Meters. *Cr.*	Meters.	Totals.
1872, January 1	.....	.....	.....	$8,544.70	.....	$30,365.25	$39,909.95
1873, January 1	.....	.....	.....	13,885.46	†$145,413.27	.....	13,885.46
1874, January 1	.....	.....	.....	12,587.25	.....	4,466.00	17,053.25
1875, January 1	.....	.....	.....	17,646.22	.....	8,681.05	26,327.27
1876, January 1	.....	.....	*$101,002.55	.....	‡13,136.66	.....	.....
							$96,175.93
			52,663.63	————	43,512.30	————	96,175.93
	.....	.....	*$48,338.92*	.....	*$115,037.63*	.....	.....
1877, January 1	.....	.....	*$8257,834.39*	.....	.....	$4,992.90	$4,992.90
1878, January 1	.....	.....	.....	a.....	.....	8,900.50	8,900.50
1879, January 1	.....	.....	.....	‖.....	.....	2,521.00	2,521.00
1880, January 1	.....	.....	.....	‖.....	¶$167,478.96	.....	.....
1881, January 1	.....	.....	.....	$3,095.42	.....	12,944.95	16,040.37
							$32,454.77
			3,095.42	————	29,359.35	————	32,454.77
	.....	.....	*$254,738.97*	.....	*$138,119.61*	.....	.....
1882, January 1	.....	.....	.....	$437,780.68	.....	$10,227.33	$448,008.01
1883, January 1	.....	.....	.....	7,658.00	.....	10,332.58	17,990.58
1884, January 1	.....	.....	.....	7,896.63	.....	7,685.75	15,582.38
1884 To November 11	.....	.....	.....	229,710.00	.....	133,979.46	363,689.46
	.....	.....	.....	$683,045.31	.....	$162,225.12	$845,270.43

Summary

1841, February 1	.....	$47,643.64	.....	$116,395.90	.....	$13,286.09	$177,325.63
1846, February 1 (5 years)	.....	19,583.49	.....	38,423.55	*477.29*	6,829.96	64,837.00
1851, January 1 (4 yrs. 11 mo.)	.....	71,993.87	.....	228,688.33	.....	33,766.71	334,398.91
1856, January 1 (5 years)	.....	166,997.85	.....	*392,132.04*	.....	137,434.00	696,563.89
1861, January 1	*1,338.92*	390,043.01	.....	332,179.11	.....	120,094.93	841,317.05
1866, January 1	.....	108,638.52	*$353,849.23*	149,016.96	.....	11,420.81	269,076.29
1871, January 1	.....	195,511.92	*6,349.75*	159,336.40	.....	140,544.56	495,392.88
1876, January 1	.....	.....	*101,092.55*	52,663.63	*158,549.93*	43,512.30	96,175.93
1881, January 1, to	.....	.....	*257,834.39*	3,095.42	*164,478.96*	*29,359.35*	32,454.77
1884, November 11	.....	.....	.....	683,045.31	.....	162,225.12	845,270.43
				$2,154,976.65		$698,423.83	$3,853,812.78
				718,835.92		*326,506.18*	*1,046,681.02*
		$1,000,412.30					$2,807,131.76
		1,338.92					**999,073.38
	.....	.....	.....	$1,436,140.73	.....	$371,917.65	$1,808,058.38

* Credtis include depreciation, $128,076.31.

† Credits during this period include condemned meters, 1872, $154,573.27.

‡ Credits during this period include condemned meters, 1873, 1874 and 1875, $17,744.37.

§ Credits include depreciation $270,225.89.

‖ The exact amounts of outlay for mains and services were during these periods written off to profit and loss account as depreciation.

* Credits include condemned meters, 1876, 1877, 1878 1879 ..... $35,354.66
And depreciation 145,629.29
$180,983.95

** Apparatus account is transferred to real estate after January 1, 1871.

A—MANHATTAN GAS-LIGHT COMPANY.

Current Capital Account and Surplus Profits.

Year. Ending.	Description.	Amount.	Total capital.	Average capital for five years.
1835, February 1....	Capital	$250,000.00		
	Profit and loss debtor balance.	14,612.87	$235,387.13	
1838, February 1....	Capital	$250,000.00		
	Profit and loss debtor balance.	19,047.16	230,952.84	
1839, February 1....	Capital	$250,000.00		
	Profit and loss debtor balance.	9,759.68	240,240.32	
1840, February 1....	Capital	$250,000.00		
	Profit and loss debtor balance.	4,265.38	245,734.62	
1841, February 1....	Capital	$250,000.00		
	Profit and loss credit balance.	11,540.29	261,540.29	
			$1,213,855.20	$242,771.04
1842, February 1....	Capital	$299,610.00		
	Profit and loss credit balance.	11,915.66	$311,525.66	
1843, February 1....	Capital	$330,000.00		
	Profit and loss credit balance.	12,416.68	342,416.68	
1844, February 1....	Capital	$330,000.00		
	Profit and loss credit balance.	16,546.53	346,546.53	

1845, February 1....	Capital	$330,000.00		
	Profit and loss credit balance. .	21,215.71		
			351,215.71	
1846, February 1....	Capital	$367,498.00		
	Profit and loss credit balance. .	29,329.84		
			396,827.84	
			$1,748,532.42	$349,706.48
1847, February 1....	Capital	$497,643.00		
	Profit and loss credit balance. .	59,752.64		
			$557,395.64	
1848, February 1....	Capital	$601,265.00		
	Profit and loss credit balance.	34,522.99		
			635,787.99	
1849, January 1....	Capital	$723,870.00		
	Profit and loss credit balance. .	56,844.81		
			780,714.81	
1850, January 1....	Capital	$849,937.50		
	Profit and loss credit balance.	98,082.39		
			948,019.89	
1851, January 1....	Capital	$850,000.00		
	Profit and loss credit balance.	159,631.72		
			1,009,631.72	
			$3,931,550.05	$786,310.01

A—MANHATTAN GAS-LIGHT COMPANY.

Current Capital Account, etc.—(Continued).

Year. Ending.	Description.	Amount.	Total capital.	Average capital for five years.
1852, January 1....	Capital	$910,550.00		
	Profit and loss credit balance.	250,612.72	$1,161,162.72	
1853, January 1....	Capital	$1,197,922.50		
	Profit and loss credit balance.	363,664.86	1,561,587.36	
1854, January 1....	Capital	$1,499,352.50		
	Profit and loss credit balance.	520,923.54	2,020,276.04	
1855, January 1....	Capital	$1,895,202.50		
	Profit and loss credit balance.	686,535.88	2,581,738.38	
1856, January 1....	Capital	$2,770,000.00		
	Profit and loss credit balance.	231,572.23	3,001,572.23	
			$10,326,336.73	$2,065,267.35
1857, January 1....	Capital	$2,770,000.00		
	Profit and loss credit balance.	50,220.60	$2,820,220.60	
1858, January 1....	Capital	$2,770,000.00		
	Profit and loss credit balance.	242,747.58	3,012,747.58	

1859, January 1....	Capital	$2,998,045.00		
	Profit and loss credit balance.	220,995.60		
			3,219,040.60	
1860, January 1....	Capital	$3,495,800.00		
	Profit and loss credit balance.	254,856.97		
			3,750,656.97	
		$3,495,890.00		
		425,843.18		
			3,921,643.18	
			$16,724,308.93	$3,344,861.79
1862, January 1....	Capital	$3,500,000.00		
	Profit and loss credit balance.	466,935.43		
			$3,966,935.43	
1863, January 1....	Capital	$3,500,000.00		
	Profit and loss credit balance.	368,679.36		
			3,868,679.36	
1864, January 1....	Capital	$3,988,587.50		
	Profit and loss credit balance.	549,405.41		
			4,537,992.91	
1865, January 1....	Capital	$3,992,837.50		
	Profit and loss credit balance.	163,071.28		
			4,155,908.78	
1866, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	317,787.61		
			4,317,787.61	
			$20,847,304.09	$4,169,460.82

A—MANHATTAN GAS-LIGHT COMPANY.

Current Capital Account, etc.—(Continued).

Year. Ending.	Description.	Amount.	Total capital.	Average capital for five years.
1867, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	517,716.08	$4,517,716.08	
1868, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	917,408.76	4,917,408.76	
1869, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,149,017.10	5,149,017.10	
1870, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,471,214.73	5,471,214.73	
1871, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,663,581.52	5,663,581.52	
			$25,718,938.19	$5,143,787.64
1872, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,635,259.74	$5,635,259.74	
1873, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,405,508.72	5,405,508.72	
1874, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	2,059,764.65	$6,059,764.65	
1875, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,509,232.03	5,509,232.03	

1876, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	995,167.94		
			4,955,167.94	
			$27,564,933.08	$5,512,986.62
1877, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	660,366.40		
			$4,660,366.40	
1878, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	578,135.77		
			4,578,135.77	
1879, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	581,791.12		
			4,581,791.12	
1880, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	544,540.41		
			4,544,540.41	
1881, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	407,473.94		
			4,407,473.94	
			$22,772,307.64	$4,554,461.53

A—MANHATTAN GAS-LIGHT COMPANY.

Current Capital Account, etc.—(Continued).

Year Ending.	Description.	Amount.	Total capital.	Average capital for this period.
1882, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,032,254.37	$5,032,254.37	
1883, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance.	1,103,606.14	5,103,606.14	
1884, January 1....	Capital	$4,000,000.00		
	Profit and loss credit balance..	1,273,886.53	5,273,886.53	
1884, November 11...	Capital	$4,000,000.00		
	Profit and loss credit balance..	876,134.67	4,876,134.67	
			$20,285,881.71	$5,253,897.42

A—MANHATTAN GAS-LIGHT COMPANY.

Dividend Account.

Date.	Increase of capital.	Total capital paid up.	Time employed (mos.).	Dividends paid.	Rate per cent per annum.	Amount at ten per cent per annum on paid-up capital.	Amount in excess of ten per cent.	Deficiency below ten per cent.
1831, February 1	$1,625.00	$1,625.00	....	.....	....	$81.25	.....	$81.25
1831, July 31	825.00	2,450.00	6	.....	....	20.42	.....	20.42
1831, August 31	5,160.00	7,610.00	1	.....	....	63.42	.....	63.42
1831, September 30	880.00	8,490.00	1	.....	....	1,415.00	.....	1,415.00
1833, May 31	2,440.00	10,930.00	20	.....	....	91.08	.....	91.08
1833, June 30	1,220.00	12,150.00	1	.....	....	101.25	.....	101.25
1833, July 31	37,830.00	49,980.00	1	.....	....	416.60	.....	416.50
1883, August 31	20.00	50,000.00	1	.....	....	4,166.66	.....	4,166.66
1834, July 1	50,000.00	100,000.00	10	.....	....	5,000.00	.....	5,000.00
1835, January 1	25,000.00	125,000.00	6	.....	....	12,500.00	.....	12,500.00
1836, January 1	75,000.00	200,000.00	12	.....	....	13,333.33	.....	13,333.33
1836, September 1	50,000.00	250,000.00	8	.....	....	8,333.33	.....	8,333.33
1837, January 1	.....	250,000.00	4	$24,000.00	4.27	56,250.00	.....	32,250.00
1839, March 31	20,000.00	270,000.00	27	27,500.00	4.37	63,000.00	.....	35,500.00
1841, July 31	28,548.00	298,548.00	28	.....	....	.....	.....	
1842, 5 months, ending January 9	1,062.00	299,610.00	....	17,100.00	13.72	12,483.75	4,616.25	
1843, January 1	30,390.00	330,000.00	....	18,900.00	5.73	33,000.00	.....	14,100.00
1844, January 1	.....	830,000.00	....	19,800.00	6	33,000.00	.....	13,200.00
1845, January 1	.....	330,000.00	....	19,800.00	6	33,000.00	.....	13,200.00
1846, January 1	37,498.00	367,498.00	....	21,000.00	5.71	36,749.80	.....	15,749.80
1847, January 1	130,145.00	497,643.00	....	24,300.00	4.88	49,764.30	.....	25,464.30
1848, January 1	103,622.00	601,265.00	....	77,500.00	12.89	60,126.50	17,373.50	
1849, January 1	122,605.00	723,870.00	....	53,250.00	7.36	72,387.00	.....	19,137.00
1850, January 1	126,067.50	849,937.50	....	72,875.00	8.57	84,993.75	.....	12,118.75
1851, January 1	62.50	850,000.00	....	85,000.00	10	85,000.00	.....	
1852, January 1	60,550.00	910,550.00	....	85,000.00	9.34	91,055.00	.....	6,055.00
1853, January 1	287,372.50	1,197,922.50	....	92,625.00	7.73	119,792.25	.....	27,167.25
1854, January 1	301,430.00	1,499,352.50	....	120,000.00	8	149,935.25	.....	29,935.25
1855, January 1	395,850.00	1,895,202.50	....	148,333.33	7.83	189,520.25	.....	41,186.92

A—MANHATTAN GAS-LIGHT COMPANY.

Dividend Account—(Continued).

Date.	Increase of capital.	Total capital paid up.	Time employed (mos.).	Dividends paid.	Rate per cent per annum.	Amount at ten per cent per annum on paid-up capital.	Amount in excess of ten per cent.	Deficiency below ten per cent
1856, January 1	154,797.50	$2,050,000.00	....	*$905,441.67	44.17	$205,000.00	*$700,441.67	
1857, January 1	.....	2,050,000.00	....	396,250.00	19.33	205,000.00	191,250.00	
1858, January 1	.....	2,050,000.00	....	277,000.00	31.51	205,000.00	72,000.00	
1859, January 1	228,045.00	2,278,045.00	....	569,333.33	24.99	227,804.50	341,528.83	
1860, January 1	497,755.00	2,775,800.00	....	60,000.00	21.62	287,580.00	332,420.00	
1861, January 1	.....	2,275,800.00	....	525,000.00	18.91	277,580.00	247,420.00	
1862, January 1	4,200.00	2,780,000.00	....	525,000.00	18.89	278,000.00	247,000.00	
1863, January 1	.....	2,780,000.00	....	525,000.00	18.89	278,000.00	247,000.00	
1864, January 1	488,587.50	3,268,587.50	....	1,337,880.83	40.93	326,858.75	1,011,022.08	
1865, January 1	4,250.00	3,272,837.50	....	875,000.00	26.74	327,283.75	547,716.25	
1866, January 1	7,162.50	3,280,000.00	....	200,000.00	6.10	328,000.00	.....	$128,000.00
1866, July 1 (6 months)	.....	3,280,000.00	....	200,000.00	12.20	164,000.00	36,000.00	
1867, July 1	.....	3,280,000.00	....	400,000.00	12.20	328,000.00	72,000.00	
1868, January 1 (6 months)	.....	3,280,000.00	....	270,000.00	16.46	164,000.00	106,000.00	
1869, January 1	.....	3,280,000.00	....	1,140,000.00	34.76	328,000.00	812,000.00	
1870, January 1	.....	3,280,000.00	....	940,000.00	28.66	328,000.00	612,000.00	
1871, January 1	.....	3,280,000.00	....	1,140,000.00	34.76	328,000.00	812,000.00	
1872, January 1	.....	3,280,000.00	....	1,540,000.00	46.95	328,000.00	1,212,000.00	
1873, January 1	.....	3,280,000.00	....	1,763,428.90	53.76	328,000.00	1,435,428.90	
1874, January 1	.....	3,280,000.00	....	411,285.77	12.54	328,000.00	83,285.77	
1875, January 1	.....	3,280,000.00	....	1,600,011.67	48.78	328,000.00	1,227,011.67	
1876, January 1	.....	3,280,000.00	....	1,400,000.00	42.68	328,000.00	1,072,000.00	
1877, January 1	.....	3,280,000.00	....	600,000.00	18.29	328,000.00	272,000.00	
1878, January 1	.....	3,280,000.00	....	800,060.16	24.39	328,000.00	472,060.16	
1878, July 1 (6 months)	.....	3,280,000.00	....	600,000.00	36.59	164,000.00	436,000.00	
1879, July 1	.....	3,280,000.00	....	400,000.00	12.20	328,000.00	72,000.00	
1880, July 1	.....	3,280,000.00	....	320,000.00	9.76	328,000.00	.....	8,000.00
1881, January 1 (6 months)	.....	3,280,000.00	....	400,000.00	24.39	164,000.00	236,000.00	
1882, January 1	.....	3,280,000.00	....	880,000.00	26.83	328,000.00	552,000.00	
1883, January 1	.....	3,280,000.00	....	1,000,000.00	30.49	328,000.00	672,000.00	

1884, January 1 to.....	.....	3,280,000.00	....	1,000,000.00	30.49	328,000.00	672,000.00	
November 11.....	.....	3,280,000.00	....	1,400,000.00	42.68	282,444.44	1,117,555.56	
	$3,280,000.00			*$25,847,675.66		$10,338,131.53	*$15,976,130.64	$466,586.51
Less amount at ten per cent per annum on paid-up capital.....	.....	.....	....	10,338,131.53				
Less deficiency below ten per cent per annum on paid-up capital....	.....	.....	....	.....	....	.....	446,586.51	
Net excess of dividends over ten per cent per annum.....	.....	.....	....	*$15,509,544.13			*$15,509,544.13	

* See note below.

NOTE.

Total Dividends paid as above.....	$25,847,675.66
Deduct—Stock dividend credited to stock account of new issue of shares as per resolution of board passed Oct. 30, 1855..	720,000.00
	$25,127,675.66

As the above stock dividend is included in the amount of dividends paid during the year ending January 1st, 1856 ($905,441.67), that amount must be decreased to $185,441.67, leaving the calculations for that period as under, viz.:

Year Ending.	Capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at 10 per cent per annum on paid-up capital.	Amount in excess of 10 per cent.	Deficiency below 10 per cent.
1856 January 1	$2,050,000.00	$185,441.67	9.05	$205,000.00	.....	$19,558.30
And the total amounts as follows	.....	$25,127,675.66	.....	$10,338,131.53	$15,275,688.97	$486,144.84
Less amount at 10 per cent per annum on paid-up capital	.....	10,338,131.53	.....	.....	.....	.....
Less deficiency below 10 per cent per annum on paid-up capital	.....	.....	.....	.....	486,144.84	.....
Net excess of dividends over 10 per cent per annum	.....	$14,789,544.13	.....	.....	$14,789,544.13	.....

B—NEW YORK GAS-LIGHT COMPANY.

Capital Account.

Date.	Capital created.	How paid in. Cash.	How paid in. Division of surplus profits.	Total to date.
1823, June 2	$1,000,000 00	$200,000 00	.....	$200,000 00
1824, Feb. 1	.....	5,000 00	.....	205,000 00
1825, Feb. 1	.....	29,500 00	.....	234,500 00
1826, Feb. 1	.....	260,500 00	.....	495,000 00
Paid-up capital remained at this amount until:				
1837, Feb. 1	.....	5,000 00	.....	500,000 00
1838, Feb. 1	.....	250,000 00	.....	750,000 00
Paid-up capital remained at this amount until:				
1862, Feb. 1	.....	.....	$250,000 00	1,000,000 00
Paid-up capital remained at this amount until:				
1871, Feb. 1	.....	.....	3,000,000 00	4,000,000 00
		$750,000 00	$3,250,000 00	

Recapitulation.

1884, Nov. 10.	Capital stock paid in in cash	$750,000 00
1884, Nov. 10.	Capital stock paid out of surplus profits	3,250,000 00
1884, Nov. 10.	Total amount of capital stock at this date	$4,000,000 00

B—NEW YORK GAS-LIGHT COMPANY.

(No. 1.)

Dr. *Analysis of Profit and Loss Accounts from June 2, 1823, to February 1, 1860.* *Cr.*

Period from.	Deterioration written off.	Dividends.	Net profits on gas.	Profits from other sources.	Total profits.
1823, June 2 to 1829, December 31.....	.....	$231,709 50	$152,197 63	$111,394 24	$263,591 87
1830, December 31.....	.....	$52,173 00	$41,948 82	$464 67	$42,413 49
1831, December 31.....	.....	47,421 00	44,419 45	848 50	45,267 95
1832, December 31.....	.....	47,025 00	47,061 45	617 71	47,679 16
1833, December 31.....	.....	49,500 00	51,347 09	686 35	52,033 44
1834, December 31.....	.....	49,500 00	71,007 64	1,677 72	72,685 36
	.....	$245,619 00	$255,784 45	$4,294 95	$260,079 40
1835, December 31.....	.....	$49,500 00	$49,853 01	$735 63	$50,588 64
1836, December 31.....	$18,400 90	49,750 00	42,739 05	2,339 82	45,078 87
1837, December 31.....	2,166 43	62,500 00	34,492 15	1,674 35	36,166 50
1838, December 31.....	2,372 67	75,000 00	62,641 67	2,559 78	65,201 45
1839, December 31.....	2,186 12	67,500 00	60,216 81	2,788 49	63,005 30
	$25,126 12	$304,250 00	$249,942 69	$10,098 07	$260,040 76

1840, December 31.....	$1,655 41	$67,500 00	$64,851 13	$3,898 08	$68,749 21
1842, February 1.....	1,447 82	67,500 00	66,411 73	3,075 44	69,487 17
1843, February 1.....	16,330 77	67,500 00	53,124 63	2,692 84	55,817 47
1844, February 1.....	1,222 81	67,500 00	69,514 08	2,304 89	71,818 97
1845, February 1.....	5,277 31	67,500 00	80,282 18	2,278 63	82,560 81
	$25,934 12	$337,500 00	$334,183 75	$14,249 88	$348,433 63
1846, February 1.....	.....	$67,500 00	$91,111 82	$3,079 57	$94,191 39
1847, February 1.....	.....	67,500 00	113,923 40	2,857 74	116,781 14
1848, February 1.....	.....	67,500 00	132,970 71	2,012 76	134,983 47
1849, February 1.....	.....	67,500 00	128,322 67	1,236 37	129,559 04
1850, February 1.....	$130,574 30	67,500 00	147,539 81	14,177 49	161,717 30
	$130,574 30	$337,500 00	$613,868 41	$23,363 93	$637,232 34
1851, February 1.....	$37,972 54	$75,000 00	$190,844 78	$29,383 04	$220,227 82
1852, February 1.....	.....	75,000 00	186,814 56	15,868 58	202,683 14
1853, February 1.....	64,463 23	75,000 00	202,750 31	19,067 11	221,817 42
1854, February 1.....	.....	150,000 00	246,839 41	26,473 54	273,312 95
1855, February 1.....	41,315 69	75,000 00	220,871 61	37,347 23	258,218 84
	$143,751 46	$450,000 00	$1,048,120 67	$128,139 50	$1,176,260 17

B—NEW YORK GAS-LIGHT COMPANY.

(No. 1.)

Dr. *Analysis of Profit and Loss Accounts, etc.*—(Continued). *Cr.*

Year ending.	Deterioration written off.	Dividends.	Net profits on gas.	Profits from other sources.	Total profits.
1856, February 1.....	.....	$75,000 00	$88,840 71	$43,110 32	$131,951 03
1857, February 1.....	$27,862 43	75,000 00	220,501 39	35,192 04	255,693 43
1858, February 1.....	.....	225,000 00	276,259 72	40,602 41	316,862 13
1859, February 1.....	53,478 57	112,500 00	303,083 22	9,386 23	312,469 45
1860, February 1.....	27,351 34	300,000 00	372,437 32	9,166 25	381,603 57
	$108,592 34	$787,500 00	$1,261,122 36	$137,457 25	$1,398,579 61

Dr.				*Cr.*		
Period Record Ending.	Deterioration.	Dividends.	Summary Totals.	Net profits on gas.	Profits from other sources.	Total.
1829						
December 31	.....	$231,709.50	$231,709.50	$152,197.63	$111,394.24	$263,591.87
5 years ending 1834						
December 31	.....	245,619.00	245,619.00	255,784.45	4,294.95	260,079.40
	$25,126.12	304,250.00	329,376.12	249,942.69	10,098.07	260,040.76
	25,934.12	337,500.00	363,434.12	334,183.75	14,249.88	348,433.63
	130,574.30	337,500.00	468,074.30	613,868.41	23,363.93	637,232.34
	143,751.46	450,000.00	593,751.46	1,048,120.67	128,139.50	1,176,260.17
	108,592.34	787,500.00	896,092.34	1,261,122.36	137,457.25	1,398,579.61
	$433,978.34	$2,694,078.50	$3,128,056.84	$3,915,219.96	$428,997.82	$4,344,217.78
1860				1860		
Feb. 1. Balance of undivided profits carried over	.....	.....	1,268,896.33	Feb. 1. Transferred from other accounts	.....	66,389.61
Feb. 1. Depreciation not written off	.....	.....	13,954.22			
			$4,410,907.39			$4,410,907.39

Resume.

To expenses of administration		$467,886.48	By receipts from gas and residuals	$5,013,649.98	
To repairs to apparatus, works &c		424,850.15	By receipts from interest	198,248.00	
To interest		16,857.22	By receipts from rents	39,068.68	
To advance receipts		17,267.00			$5,250,966.66
To taxes sundries		369,817.17	By profits on stock and uncalled for dividends		71,617.66
To balance being net profit from all sources as above		4,344,217.78	By profits on sales of property		25,664.19
			By sundries, principally sales of coke and delivery		292,647.29
		$5,640,895.80			$5,640,895.80
To dividends paid		$2,694,078.50	By balance, net profit		$4,344,217.78
To depreciations written off from profit and loss	$381,242.95		By transfer from other accounts		66,689.61
To depreciations written off from deteriorations	347,735.39				
	$728,978.34				
Less transfer from profit and loss to deterioration	295,000.00				
		433,978.34			
To balance of undivided profits		1,268,896.33			
To depreciation not written off		13,954.22			
		$4,410,907.39			$4,410,907.39

(No. 2.)

Dr. *Analysis of Profit and Loss Accounts from February* 1, 1860, *to November* 10, 1884.

Year ending	Depreciation written off.	Dividends.	Net profit on gas	Profits from other sources.	Total profits	Appreciation written up.
1861, February 1....	$53,954 22	$307,500 00	$441,777 02	$10,469 58	$452,246 60	
1862, February 1....	63,933 79	337,500 00	343,505 79	11,837 73	355,343 52	
1863, February 1....	81,825 10	*1,075,000 00	427,182 26	35,074 50	462,256 76	
1864, February 1....	1,600 91	300,000 00	714,712 01	6,165 85	720,877 86	
1865, February 1....	88,594 21	200,000 00	402,811 00	3,098 93	405,909 93	
	$289,908 23	$2,220,000 00	$2,329,988 08	$66,646 59	$2,396,634 67	
1866, February 1....	$150,209 49	$700,000 00	$730,782 85	$1,640 17	$732,423 02	
1867, February 1....	20,989 08	700,000 00	764,196 47	.....	764,196 47	
1868, February 1....	69,298 16	700,000 00	814,538 05	.....	814,538 05	
1869, February 1....	409,177 45	500,000 00	856,373 57	58,011 14	914,384 71	
1870, February 1....	265,286 84	500,000 00	731,713 92	8,388 47	740,102 39	
	$914,961 02	$3,100,000 00	$3,897,604 86	$68,039 78	$3,965,644 64	
1871, February 1....	$300,875 88	$700,000 00	$1,152,808 75	.....	$1,152,808 75	
1871, June 1 (4 mos.)	.....	*3,250,000 00	.....	.....	.....	†$2,968,944 66

* Include $250,000.00 and $3,000,000.00, respectively, credited to stock account. † Appreciation of property on reorganization.

B—NEW YORK GAS-LIGHT COMPANY—Continued.

Year ending	Depreciation written off.	Dividends.	Net profit on gas	Profits from other sources.	Total profits	Appreciation written up.
1872, February 1 (8 months)	29,460 23	800,000 00	541,498 42	.....	541,498 42	
1873, February 1	5,063 24	800,000 00	755,923 02	.....	755,923 02	
1874, February 1	315,256 42	400,000 00	541,948 87	.....	541,948 87	
1875, February 1	150,700 17	400,000 00	638,536 04	.....	638,536 04	
	$801,355 94	$6,350,000 00	$3,630,715 10	.....	$3,630,715 10	$2,968,944 66
1876, February 1	$11,917 25	$800,000 00	$742,234 16	.....	$742,234 16	
1877, February 1	19,926 62	400,000 00	463,119 54	.....	463,119 54	
1878, February 1	255,286 20	400,000 00	476,704 06	$30,000 00	506,704 06	
1879, Dec. 31 (1 y 11 m.)	66,606 10	480,000 00	601,708 05	28,034 66	629,742 71	
1880, December 31	152,471 91	320,000 00	414,006 40	1,104 50	415,110 90	
	$506,208 08	$2,400,000 00	$2,697,772 21	$59,139 16	$2,756,911 37	
1881, December 31	$38,203 51	$320,000 00	$713,701 05	$15,000 00	$728,701 05	
1882, December 31	326,080 01	400,000 00	752,319 52	21,500 00	773,819 52	
1883, December 31, to	205,153 87	400,000 00	786,518 45	.....	786,518 45	
1884, November 10	368,462 30	600,000 00	643,623 36	23,869 81	667,493 17	$1,512,357 97
						‡1,417,000 00
	$937,899 69	$1,720,000 00	$2,896,162 38	$60,369 81	$2,956,532 19	$1,512,357 97
						1,417,000 00

‡ Franchise.

B — NEW YORK GAS-LIGHT COMPANY.

(No. 2.)

Analysis of Profit and Loss Accounts from February 1, 1860, to November 10, 1884 — (Continued).

Dr. *Summary.* *Cr.*

FIVE YEARS ENDING	Depreciation written off.	Dividends.	Total.	Net profits on gas.	Profits from other sources.	Total profits.	Appreciation written up.	Franchise.	Totals.
5, Feb. 1.....	$289,908.23	$2,220,000.00	$2,509,908.23	$2,329,988.08	$66,646.59	$2,396,634.67	.....	.....	$2,396,634.67
4, Feb. 1.....	914,961.02	3,100,000.00	4,014,961.02	3,897,604.86	68,039.78	3,965,644.64	.....	.....	3,965,644.64
3, Feb. 1.....	801,355.94	6,350,000.00	7,151,355.94	3,630,715.10	.....	3,630,715.10	$2,968,944.66	.....	6,599,059.76
ars and 11 months, 1880, Dec. 31..	506,208.08	2,400,000.00	2,906,208.08	2,697,772.21	59,139.16	2,756,911.37	.....	.....	2,756,911.37
1884, Nov. 10..	937,899.69	1,720,000.00	2,657,899.69	2,896,162.38	60,369.81	2,956,532.19	1,512,357.97	$1,417,000.00	5,885,890.16
	$3,450,332.96	$15,790,000.00	$19,240,332.96	$15,452,242.63	$254,195.34	$15,706,437.97	$4,481,302.63	$1,417,000.00	$21,604,740.00
4, Nov. 10, Balance to credit of surplus capital account			3,647,258.19	Balance of undivided profits Feb. 1, 1860.....					1,268,896.33
				Depreciation not written off, Feb. 1, 1860.....					13,954.22
			$22,887,591.15						$22,887,591.15

Resume.

To expenses of administration.....	$2,322,261.19	By receipts from gas.....	$21,170,579.77
To repairs to apparatus, works, etc.....	2,737,029.62	By receipts from residuals.....	1,426,186.61
To taxes	2,545,613.78	By receipts from interest.....	388,950.30
To interest	40,420.32	By receipts from rent.....	14,658.00
To sundry minor items.....	140,334.41	By profits on stocks and bonds.....	75,662.08
To balance, being net profit from all sources, as above	15,706,437.97	By receipts for coke and delivery, etc.....	189,165.98
	$23,492,097.29	By receipts for supplies to Console. Co.....	56,385.58
		By unclaimed deposits.....	68,000.00
		By profits on coal.....	81,008.97
		By depreciation written back.....	21,500.00
			$23,492,097.29
To dividends paid.....	$15,790,000.00		
To depreciation written off from profit and loss	$1,995,535.10		
To depreciations written off from deterioration	228,255.08	By balance, net profit.....	$15,706,437.97
To depreciations written off from surplus capital.....	408,805.16	By appreciation written up.....	4,481,302.63
To depreciations written off for deterioration and improvements....	1,167,737.62	By franchise.....	1,417,000.00
	$3,710,332.96	By undivided profits carried over, Feb. 1, 1860....	1,268,896.33
Less transfer for deterioration account	260,000.00	By amount in deterioration account unappropriated February 1, 1860.....	13,954.22
	3,450,332.96		
To balance to credit of surplus capital account..	3,647,258.19		
	$22,887,591.15		$22,887,591.15

1883, December 31, to	205,153 84	400,000 00	
1884, November 10...	368,462 30	600,000 00	643,623 36
	$937,899 69	$1,720,000 00	$2,896,162 38

		‡1,417,000 00
	$1,512,357 97	
	1,417,000 00	
	$2,956,532 19	
	$60,369 81	23,869 84

B — NEW YORK GAS-LIGHT COMPANY.

Profit and Loss Accounts (Nos. 1 and 2) from June 2, 1823 to Nov. 10, 1884

Dr. *Cr.*

PERIOD ENDING	Depreciation written off.	Dividends.	Total.	Net profits on gas.	Profits from other sources.	Total profits.	Appreciation written up.	Franchise.	Totals.
Dec. 31.....	.....	$231,709.50	$231,709.50	$152,197.63	$113,394.24	$263,591.87	.....	.....	$263,591.87
rs ending 1834, c. 31	.....	245,619.00	245,619.00	255,784.45	4,294.95	260,079.40	.....	.....	260,079.40
Dec. 31.....	$25,126.12	304,250.00	329,376.12	249,942.69	10,098.07	260,040.76	.....	.....	260,040.76
rs and 1 month 1845, Feb. 1..	25,934.12	337,500.00	363,434.12	334,183.75	14,249.88	348,433.63	.....	.....	348,433.63
rs ending 1850, eb. 1	130,574.30	337,500.00	468,074.30	613,868.41	23,363.93	637,232.34	.....	.....	637,232.34
Feb. 1.....	143,751.46	450,000.00	593,751.46	1,048,120.67	128,139.50	1,176,260.17	.....	.....	1,176,260.17
Feb. 1.....	108,592.34	787,500.00	896,092.34	1,261,122.36	137,457.25	1,398,579.61	.....	.....	1,398,579.61
Feb. 1.....	289,908.23	2,220,000.00	2,509,908.23	2,329,988.08	66,646.59	2,396,634.67	.....	.....	2,396,634.67
Feb. 1.....	914,961.02	3,100,000.00	4,014,961.02	3,897,604.86	68,039.73	3,965,644.64	.....	.....	3,965,644.64
Feb. 1.....	801,355.94	6,350,000.00	7,151,355.94	3,630,715.10	.....	3,630,715.10	$2,968,944.66	.....	6,599,659.76
rs and 11 mos. 80, Dec. 31....	506,208.08	2,400,000.00	2,906,208.08	2,697,772.21	39,139.16	2,756,911.37	.....	.....	2,756,911.37
1884, Nov. 10..	937,899.69	1,720,000.00	2,657,899.69	2,896,162.38	60,369.81	2,956,532.19	1,512,357.97	$1,417,000.00	5,885,890.16
	$3,884,311.30	$18,484,078.50	$22,368,389.80	$19,367,462.59	$683,193.16	$20,050,655.75	$4,481,302.63	$1,417,000.00	$25,948,958.38
Nov. 10, Balance to credit of surplus pital account			3,647,258.19	Transferred from other accounts.....					66,689.01
			$26,015,647.99						$26,015,647.99

Resume.

Dr.		*Cr.*	
To expenses of administration.....	$2,790,147.67	By receipts from gas residual.....	$27,610,416.36
To repairs to apparatus, works etc.....	3,161,879.77	By receipts from interest.....	587,198.30
To taxes and sundries.....	3,055,765.36	By receipts from rents.....	53,726.68
To advance receipts.....	17,267.00	By profit on stocks and bonds and uncalled for dividends	147,279.74
To interest.....	57,277.54	By profits on sale of property.....	25,664.19
Balance, being net profits from all sources from June 2, 1823, to November 10, 1884.....	20,050,655.75	By supplies to Consolidated Co.....	56,385.58
	$29,132,993.09	By profits on coal.....	81,008.97
		By receipts for coke and delivery and sundries....	481,813.27
		By unclaimed deposits.....	68,000.00
		By depreciation written back.....	21,500.00
			$29,132,993.09
To dividends paid.....	$18,484,078.50		
To depreciation written off from profit and loss..... $2,286,778.05			
To depreciation written off from deterioration 575,990.47		By balance, net profits.....	$20,050,655.75
To depreciation written off from surplus capital..... 408,805.16		By appreciation written up.....	4,481,302.63
To depreciation written off from deterioration and improvements.... 1,167,737.62		By franchise.....	1,417,000.00
$4,439,311.30		By transfer from other accounts.....	66,689.61
Less, transfer from profit and loss to deterioration account..... 555,000.00			
	3,884,311.30		
To balance to credit of surplus capital account....	3,647,258.19		
	$26,015,647.99		$26,015,647.99

B—NEW YORK GAS-LIGHT COMPANY.

Particulars of Sale to the Consolidated Gas-Light Company, Nov. 10, 1884.

Particulars	State of account prior to credit of appreciation.	Appreciation written up.	Sold for.
10 To gas sold through public lamps, November 1 to 10, inclusive	.....	.....	$1,376.18
To work at public lamps, November 1 to 10	.....	.....	10.00
To sundry bills as per day book	.....	.....	221.90
To sundry bills for gas stoves sold	.....	.....	126.71
To premiums on insurance paid in advance, and adjusted to November 10, 1884	.....	.....	94.16
To cost of counter shafting at works, as per inventory	.....	.....	592.56
To half expenses of painting lamp posts	.....	.....	339.86
To gas sold through meters to the corporation of the city of New York, from November 1 to 10 (bills not rendered)	.....	.....	1,302.00
To amount due from city of New York for gas sold	.....	.....	10,754.26
To amount due from sundry customers for gas	.....	.....	150,899.25
To anthracite coal as per inventory	.....	.....	9,440.60
To naphtha	.....	.....	6,701.72
To coke	.....	.....	3,190.50
To 21st street inventory of supplies, less shafting charged above, $592.56	.....	.....	33,180.97
To Hester street inventory of supplies	.....	.....	22,363.66
To supplementary schedule (lamp supplies)	.....	.....	840.95
To Hester street property	$100,000.00	.....	100,000.00
To real estate gas works	1,220,000.00	$637,000.00	1,857,000.00
To buildings and apparatus	.....	.....	2,894,000.00
To street mains	3,310,642.03	875,357.97	1,293,000.00
To franchise	.....	1,417,000.00	1,417,000.00
To New York Gas-light Company's stock	.....	.....	36,100.00
To Manhattan Gas-light Company's stock	.....	.....	3,900.00
Above properties to the Consolidated Company, as per agreement (the stock being in lieu of 400 shares of the Consolidated Co.'s stock).			
To cash	.....	.....	90
	$4,630,642.03	$2,929,357.97	$7,841,436.27

Cr.

Date.	Particulars.	Amount.
1884.		
Nov. 10	By cash	$34,070.20
	By accrued interest on bonds and mortgages adusted to November 10	115.00
	By rent of room at 111 Broad street	6.25
	By rent of telephone, one-third month, month, November 1 to 10	20.50
	By wages of collectors, two-thirds month, November 11 to 30	544.46
	By Croton water used to November 10 ..... $457.30	
	Less regular Croton rates paid in advance and adjusted to date 309.30	148.00
	By rents collected in advance and adjusted to date	531.50
	By advance receipts as inventoried	62,399.40
	By interest on above	6,239.94
	By unclaimed advances	2,439.16
	By bond and mortgage on No. 335 Avenue A, due July 15, 1889	6,000.00
	By local taxes as inventoried (personal tax paid by Consolidated Co.)	38,297.55
	By State tax as inventoried tax for 1884 on regular dividends, to be paid by Consolidated Gas-light Co.	15,000.00
1885.		
Jan. 10	By cash	32,625.50
Jan. 31	By cash	998.81
	By final dividend of one per cent, paid January 26, 1885	40,000.00
	By State tax on above dividend, paid by Consolidated Company	1,000.00
	By balance unsettled	1,000.00
	By balance, being in stock of Consolidated Gas-light Co	7,600,000.00
		$7,841,436.27

B—NEW YORK GAS-LIGHT COMPANY.

Capital Investments, Etc.

Year.	Total current capital.	Investments.		
		Real estate.	Works, apparatus, meters, mains, etc.	Total.
1824	$203,581 65	$18,432 06	$3,213 99	$21,646 05
1825	232,581 65	20,210 18	73,828 85	94,039 03
1826	581,893 16	13,842 48	158,802 00	172,644 48
1827	522,470 31	31,663 70	208,878 48	240,542 18
1828	517,677 07	33,011 78	235,760 78	268,772 56
1829	506,779 73	32,966 35	241,248 22	274,214 57
1830	526,822 37	35,976 11	247,274 56	283,250 67
1831	517,182 86	28,374 39	241,764 80	270,139 19
1832	514,969 81	28,461 89	241,195 81	269,657 70
1833	515,623 97	28,461 89	338,671 32	367,133 21
1834	518,157 41	28,961 89	339,512 13	368,474 02
1835	557,925 57	29,680 55	342,522 24	372,202 79
1836	572,549 12	29,681 06	354,446 36	384,127 42
1837	585,716 10	86,923 45	373,730 44	460,653 89
1838	809,962 89	86,923 45	391,032 53	477,955 98
1839	797,978 22	232,739 80	396,467 04	629,206 84
1840	791,900 93	144,138 85	401,923 72	546,062 57
1841	791,700 32	144,147 85	410,769 69	554,917 54
1842	777,494 90	144,147 85	417,781 92	561,929 77
1843	764,589 56	125,474 96	421,446 06	546,921 02
1844	763,635 72	125,917 61	432,731 78	558,649 39
1845	793,696 53	117,012 56	460,382 90	577,395 46

* The company's stock account was increased at this time by appreciating the values of the investments.

B—NEW YORK GAS-LIGHT COMPANY.

Capital Investments, Etc. (Continued.)

Year.	Total current capital.	Investments.		
		Real estate.	Works, apparatus, meters, mains, etc.	Total.
1846	820,387 92	117,535 96	452,245 00	569,780 96
1847	874,669 06	97,998 28	451,146 04	549,144 32
1848	932,152 53	103,105 99	466,214 59	569,320 58
1849	916,907 68	121,927 53	464,386 72	586,314 25
1850	977,854 57	119,565 49	417,818 82	537,384 31
1851	1,095,109 85	122,179 15	351,528 56	473,707 71
1852	1,138,329 76	129,634 75	341,531 89	472,166 64
1853	1,285,147 18	130,013 72	391,845 45	521,859 17
1854	1,367,144 44	130,130 25	381,072 07	511,202 32
1855	1,540,363 28	183,844 14	411,203 84	595,047 98
1856	1,579,451 88	190,604 72	406,064 83	596,669 55
1857	1,763,145 31	202,114 97	417,484 18	619,599 15
1858	1,798,528 87	202,792 94	399,555 67	602,348 61
1859	1,971,246 98	203,708 04	406,770 06	610,478 10
1860	2,052,850 55	204,310 41	403,213 78	607,524 19
1861	2,170,894 27	254,959 01	407,256 85	662,215 86
1862	2,144,804 00	254,959 01	582,197 51	837,156 52
1863	1,700,235 66	342,459 01	568,788 90	911,247 91
1864	2,092,261 27	342,000 00	556,077 46	898,077 46
1865	2,131,177 90	344,000 00	519,824 26	863,824 26
1866	2,077,489 66	344,000 00	480,518 92	824,518 92
1867	2,114,997 91	344,020 00	460,518 92	804,538 92
1868	2,191,237 80	366,500 00	420,518 92	787,018 92
1869	2,145,445 06	366,500 00	382,250 00	748,750 00
1870				

1869	2,145,445 06	366,500 00	382,250 00	748,750 00
1870	2,120,261 61	366,500 00	382,250 00	748,750 00
1871	1,799,875 47	1,300,000 00	2,700,000 00	4,000,000 00
1872	4,654,036 11	1,300,000 00	2,700,000 00	4,000,000 00
1873	4,480,728 56	1,300,000 00	2,700,000 00	4,000,000 00
1874	4,568,564 43	1,300,000 00	2,700,000 00	4,000,000 00
1875	4,498,881 34	1,300,000 00	2,700,000 00	4,000,000 00
1876	4,542,074 26	1,300,000 00	2,903,067 03	4,203,067 03
1877	4,393,492 22	1,300,000 00	3,047,632 36	4,347,632 36
1878	4,459,563 10	1,300,000 00	2,887,000 00	4,187,000 00
1879	4,350,189 85	1,300,000 00	3,070,000 00	4,370,000 00
1880	4,424,267 72	1,300,000 00	3,364,922 92	4,664,922 92
1881	4,521,118 02	1,300,000 00	3,142,089 42	4,442,089 42
1882	4,669,614 47	1,314,000 00	3,232,706 21	4,546,706 21
1883	4,703,218 65	1,320,000 00	3,277,183 83	4,597,183 83
1884	†7,647,258 19	1,957,000 00	4,186,000 00	6,143,000 00
6 years ending 1829	506,779 73	32,966 35	241,248 22	274,214 57
5 years ending 1834	518,157 41	28,961 89	339,512 13	368,474 02
" " 1839	797,978 22	232,739 80	396,467 04	629,206 84
" " 1844	763,635 72	125,917 61	432,731 78	558,649 39
" " 1849	916,907 68	121,927 53	464,386 72	586,314 25
" " 1854	1,367,144 44	130,130 25	381,072 07	511,202 32
" " 1859	1,971,246 98	203,708 04	406,770 06	610,478 10
" " 1864	2,092,261 27	342,000 00	556,077 46	898,077 46
" " 1869	2,145,445 06	366,500 00	382,250 00	748,750 00
" " 1874	4,568,564 43	1,300,000 00	2,700,000 00	4,000,000 00
5 years, 11 mos. to Dec. 31, 1880	4,424,267 72	1,300,000 00	3,364,922 92	4,664,922 92
Nov. 10, 1884	7,647,258 19	1,957,000 00	4,186,000 00	6,143,000 00

† The amount was increased by the valuation, beyond amounts stated in books as transferred to the Consolidated Company.

B—NEW YORK GAS-LIGHT COMPANY.

Current Capital Account and Surplus.

Year.	Capital stock.	Surplus. Profit and loss.	Deteriora-tion.	Surplus capital.	Deterioration and improvements.	Totals.	Totals capital and surplus.	Average.
1823 (June 2 to December 31)	$200,000.00	*Dr. $1,418.35*	.....	.....	.....	*$1,418.35*	$198,581.65	
1824	205,000.00	*Dr. 1,418.35*	.....	.....	.....	*1,418.35*	203,581.65	
1825	234,000.00	*Dr. 1,418.35*	.....	.....	.....	*1,418.35*	232,581.65	
1826	495,000.00	86,893.16	.....	.....	.....	86,893.16	581,893.16	
1827	495,000.00	27,470.31	.....	.....	.....	27,470.31	522,470.31	
1828	495,000.00	22,677.07	.....	.....	.....	22,677.07	517,677.07	
1829	495,000.00	11,779.73	.....	.....	.....	11,779.73	506,779.73	
							$2,763,565.22	$394,795.03
1830	495,000.00	31,822.37	.....	.....	.....	31,822.37	$526,822.37	
1831	495,000.00	22,182.86	.....	.....	.....	22,182.86	517,182.86	
1832	495,000.00	19,969.81	.....	.....	.....	19,969.81	514,969.81	
1833	495,000.00	20,623.97	.....	.....	.....	20,623.97	515,623.97	
1834	495,000.00	23,157.41	.....	.....	.....	23,157.41	518,157.41	
							$2,592,756.42	$518,551.28
1835	495,000.00	46,342.77	$16,582.80	.....	.....	62,925.57	$557,925.57	
1836	495,000.00	47,431.41	30,117.71	.....	.....	77,549.12	572,549.12	
1837	500,000.00	42,760.28	42,955.82	.....	.....	85,716.10	585,716.10	
1838	750,000.00	16,426.78	43,536.11	.....	.....	59,962.89	809,962.89	
1839	750,000.00	6,628.23	41,349.99	.....	.....	47,978.22	797,978.22	
							$3,324,131.90	$664,326.38

1840	750,000.00	2,133.53	39,767.40	.....	.....	41,900.93	$791,900.93	
1841	750,000.00	3,382.74	38,317.53	.....	.....	41,700.32	791,700.32	
1842	750,000.00	5,369.91	22,124.99	.....	.....	27,494.90	777,494.90	
1843	750,000.00	*Dr. 6,312.62*	20,902.18	.....	.....	14,589.56	764,589.56	
1844	750,000.00	*Dr. 1,993.65*	15,629.34	.....	.....	13,635.72	763,635.72	
							$3,889,321.43	$777,864.29
1845	750,000.00	13,067.16	30,629.37	.....	.....	43,696.53	$793,696.53	
1846	750,000.00	24,758.55	45,629.37	.....	.....	70,387.92	820,387.92	
1847	750,000.00	59,039.69	65,629.37	.....	.....	124,669.06	874,669.06	
1848	750,000.00	106,523.16	75,629.37	.....	.....	182,152.53	932,152.53	
1849	750,000.00	158,582.20	8,325.48	.....	.....	166,907.68	916,907.68	
							$4,337,813.72	$867,562.74
1850	750,000.00	189,529.09	38,325.48	.....	.....	227,854.57	$977,854.57	
1851	750,000.00	266,784.37	78,325.48	.....	.....	345,109.85	1,095,109.85	
1852	750,000.00	354,467.51	33,862.25	.....	.....	388,329.76	1,138,329.76	
1853	750,000.00	481,284.93	53,862.25	.....	.....	535,147.18	1,285,147.18	
1854	750,000.00	584,597.88	32,546.56	.....	.....	617,144.44	1,367,144.44	
							$5,863,585.80	$1,172,717.16
1855	750,000.00	747,816.72	42,546.56	.....	.....	790,363.28	$1,540,363.28	
1856	750,000.00	794,767.75	34,684.13	.....	.....	829,451.88	1,579,451.88	
1857	750,000.00	955,461.18	57,684.13	.....	.....	1,013,145.31	1,763,145.31	
1858	750,000.00	1,027,323.31	21,205.56	.....	.....	1,048,528.87	1,798,528.87	
1859	750,000.00	1,207,292.76	13,954.22	.....	.....	1,221,246.98	1,971,246.98	
							$8,652,736.32	$1,730,547.26
1860	750,000.00	1,268,896.33	33,954.22	.....	.....	1,302,850.55	$2,052,850.55	
1861	750,000.00	1,393,642.93	27,251.34	.....	.....	1,420,894.27	2,170,894.27	
1862	750,000.00	1,367,552.66	27,251.34	.....	.....	1,394,804.00	2,144,804.00	
1863	1,000,000.00	672,984.32	27,251.34	.....	.....	700,235.66	1,700,235.66	
1864	1,000,000.00	1,053,862.18	38,399.09	.....	.....	1,092,261.27	2,092,261.27	
							$10,161,045.75	$2,032,209.15

B—NEW YORK GAS-LIGHT COMPANY.

Current Capital Account and Surplus—(Continued).

Year.	Capital stock.	Surplus. Profit and loss.	Deteriora-tion.	Surplus capital.	Deterioration and improvements.	Totals.	Totals capital and surplus.	Average.
1865	$1,000,000.00	$1,131,177.90	.....	.....	.....	$1,131,177.90	$2,131,177.90	
1866	1,000,000.00	1,051,790.52	$25,699.14	.....	.....	1,077,489.66	2,077,489.66	
1867	1,000,000.00	1,069,298.77	45,699.14	.....	.....	1,114,997.91	2,114,997.91	
1868	1,000,000.00	1,094,538.66	96,699.14	.....	.....	1,191,237.80	2,191,237.80	
1869	1,000,000.00	1,048,745.92	96,699.14	.....	.....	1,145,445.06	2,145,445.06	
							$10,660,348.33	$2,132,069.67
1870	1,000,000.00	1,023,561.47	96,699.14	.....	.....	1,120,260.61	$2,120,260.61	
1871	1,000,000.00	.....	96,699.14	$703,176.33	.....	799,875.47	1,799,875.47	
1872	4,000,000.00	.....	.....	654,036.11	.....	654,036.11	4,654,036.11	
1873	4,000,000.00	.....	.....	480,728.56	.....	480,728.56	4,480,728.56	
1874	4,000,000.00	.....	.....	264,740.48	$304,423.95	568,564.43	4,568,564.43	
							$17,623,465.18	$3,524,693.04
1875	4,000,000.00	.....	.....	194,457.39	304,423.95	498,881.34	$4,498,881.34	
1876	4,000,000.00	.....	.....	237,650.31	304,423.95	542,074.26	4,542,074.26	
1877	4,000,000.00	.....	.....	254,833.33	138,658.89	393,482.22	4,393,492.22	
1878	4,000,000.00	.....	.....	319,946.34	139,616.76	459,563.10	4,459,563.10	
1879	4,000,000.00	.....	.....	337,011.97	13,177.88	350,189.85	4,350,189.85	
							$22,244,200.77	$4,448,840.15
1880	4,000,000.00	.....	.....	321,089.84	103,177.88	324,267.72	$4,424,267.72	
1881	4,000,000.00	.....	.....	351,386.07	169,731.95	521,118.02	4,521,118.02	
1882	4,000,000.00	.....	.....	353,963.77	315,650.70	669,614.47	4,669,614.47	
1883	4,000,000.00	.....	.....	378,218.65	325,000.00	703,218.65	4,703,218.65	
1884	4,000,000.00	.....	.....	*3,647,258.18	.....	3,647,258.19	7,647,258.19	
							$25,965,477.05	$5,341,469.56

* Includes profit on sale to Consolidated Company.

B—NEW YORK GAS-LIGHT COMPANY.

Dividend Account.

Date	Increase of capital.	Total capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at 10 per cent per annum on paid-up capital.	Amount in excess of 10 per cent.	Deficiency below 10 per cent.
1823, June 2	$200,000.00	$200,000.00	.....	.....	.....	.....	.....
19 months ending 1824, Dec. 31	5,000.00	205,000.00	.....	.....	$32,458.33	.....	$32,458.33
1825	29,500.00	234,500.00	$14,850.00	6.33	23,450.00	.....	8,600.00
1826	260,500.00	495,000.00	57,321.00	11.58	49,500.00	$7,821.00	.....
1827	.....	495,000.00	42,718.50	8.63	49,500.00	.....	6,781.50
1828	.....	495,000.00	57,420.00	11.60	49,500.00	7,920.00	.....
1829	.....	495,000.00	59,400.00	12.	49,500.00	9,900.00	.....
1830	.....	495,000.00	52,173.00	10.54	49,500.00	2,673.00	.....
1831	.....	495,000.00	47,431.00	9.58	49,500.00	.....	2,079.00
1832	.....	495,000.00	47,425.00	9.56	49,500.00	.....	2,475.00
1833	.....	495,000.00	49,500.00	10.	49,500.00	.....	.....
1834	.....	495,000.00	49,500.00	10.	49,500.00	.....	.....
1835	.....	495,000.00	49,500.00	10.	49,500.00	.....	.....
1836	.....	495,000.00	49,750.00	10.05	49,500.00	250.00	.....
1837	5,000.00	500,000.00	62,500.00	12.50	50,000.00	12,500.00	.....
1838	250,000.00	750,000.00	75,000.00	10.	75,000.00	.....	.....
1839	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1840	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1841	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1842	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1843	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1844	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1845	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1846	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00

B—NEW YORK GAS-LIGHT COMPANY.

Dividend Account—(Continued).

Date	Increase of capital.	Total capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at 10 per cent per annum on paid-up capital.	Amount in excess of 10 per cent.	Deficiency below 10 per cent.
1847	.....	$750,000.00	$67,500.00	9.	$75,000.00	.....	$7,500.00
1848	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1849	.....	750,000.00	67,500.00	9.	75,000.00	.....	7,500.00
1850	.....	750,000.00	75,000.00	10.	75,000.00	.....	.....
1851	.....	750,000.00	75,000.00	10.	75,000.00	.....	.....
1852	.....	750,000.00	75,000.00	10.	75,000.00	.....	.....
1853	.....	750,000.00	150,000.00	20.	75,000.00	$75,000.00	.....
1854	.....	750,000.00	75,000.00	10.	75,000.00	.....	.....
1855	.....	750,000.00	75,000.00	10.	75,000.00	.....	.....
1856	.....	750,000.00	75,000.00	10.	75,000.00	.....	.....
1857	.....	750,000.00	225,000.00	30.	75,000.00	150,000.00	.....
1858	.....	750,000.00	112,500.00	15.	75,000.00	37,500.00	.....
1859	.....	750,000.00	300,000.00	40.	75,000.00	225,000.00	.....
1860	.....	750,000.00	307,500.00	41.	75,000.00	232,500.00	.....
1861	.....	750,000.00	337,500.00	45.	75,000.00	262,500.00	.....
1862	.....	750,000.00	*1,075,000.00	143.33	75,000.00	1,000,000.00	.....
1863	$250,000.00	1,000,000.00	200,000.00	20.	100,000.00	100,000.00	.....
1864	.....	1,000,000.00	300,000.00	30.	100,000.00	200,000.00	.....
1865	.....	1,000,000.00	500,000.00	50.	100,000.00	400,000.00	.....
1866	.....	1,000,000.00	900,000.00	90.	100,000.00	800,000.00	.....
1867	.....	1,000,000.00	700,000.00	70.	100,000.00	600,000.00	.....
1868	.....	1,000,000.00	500,000.00	50.	100,000.00	400,000.00	.....
1869	.....	1,000,000.00	500,000.00	50.	100,000.00	400,000.00	.....
1870	.....	1,000,000.00	500,000.00	50.	100,000.00	400,000.00	.....

To 1871, May 31	.....	1,000,000.00	†3,450,000.00	243.53	141,666.66	3,308,333.34	.....
			$11,964,078.50			$8,631,897.34	
Less, amount at 10 per cent per annum on paid-up capital	.....	.....	3,467,074.99	.....	.....	.....	.....
Less, deficiency below 10 per cent per annum on paid-up capital	.....	.....	.....	.....	.....	134,893.83	.....
Net excess of dividend over 10 per cent per annum	.....	.....	$8,497,003.51	.....	.....	$8,497,003.51	.....
			Reorganization June 1, 1871				
1871, June 1	.....	$1,000,000.00	$600,000.00	102.86	$58,333.33	$541,666.67	.....
To 1872, Dec. 31, 7 months	$3,000,000.00	1,000,000.00	800,000.00	20.	400,000.00	400,000.00	.....
1873, 12 months	.....	4,000,000.00	600,000.00	15.	400,000.00	200,000.00	.....
1874	.....	4,000,000.00	400,000.00	10.	400,000.00	400,000.00	.....
1875	.....	4,000,000.00	800,000.00	20.	400,000.00	.....	.....
1876	.....	4,000,000.00	400,000.00	10.	400,000.00	.....	.....
1877	.....	4,000,000.00	400,000.00	10.	400,000.00	.....	.....
1878	.....	4,000,000.00	320,000.00	8.	400,000.00	.....	$80,000.00
1879	.....	4,000,000.00	160,000.00	4.	400,000.00	.....	240,000.00
1880	.....	4,000,000.00	320,000.00	8.	400,000.00	.....	80,000.00
1881	.....	4,000,000.00	320,000.00	8.	400,000.00	.....	80,000.00
1882	.....	4,000,000.00	400,000.00	10.	400,000.00	.....	.....
1883	.....	4,000,000.00	400,000.00	10.	400,000.00	.....	.....
To 1884, Nov. 10	.....	4,000,000.00	600,000.00	17.42	344,444.44	255,555.56	.....
	$4,000,000.00		$6,520,000.00			$1,797,222.23	
Less, amount at 10 per cent per annum on paid-up capital	.....	.....	5,202,777.77	.....	.....	.....	.....
Less, deficiency below 10 per cent per annum on paid-up capital	.....	.....	.....	.....	.....	480,000.00	.....
Net excess of dividends over 10 per cent per annum	.....	.....	$1,317,222.23	.....	.....	$1,317,222.23	.....

* $250,000 of the amount was a stock dividend.

† This amount includes $3,000,000 stock dividend, which amount is credited to capital account, June 1, 1871.

B—NEW YORK GAS-LIGHT COMPANY.

Summary.

Period Ending	Dividends paid.	Amount at 10 per cent per annum on paid-up capital.	Amount in excess of 10 per cent.	Deficiency below 10 per cent.
1871, May 31	*$11,964,078.50	$3,467,074.99	$8,631,897.34	$134,893.83
1884, Nov. 10	6,520,000.00	5,202,777.77	1,797,222.23	480,000.00
	$18,484,078.50		$10,429,119.57	
Less amount at 10 per cent per annum on paid-up capital	8,669,852.76	.....		
Less deficiency below 10 per cent per annum on paid-up capital	.....	.....	614,893.83	
Total net excess of dividends over 10 per cent per annum	$9,814,225.74	.....	$9,814,225.74	

*This amount includes $3,250,000 stock dividends which amount is credited to capital account.

Particulars of Credit to Surplus-Capital Account, June 1st, 1871, as extracted from the books.

Balance of profit and loss account transferred	$925,494.34	N. Y. Life Ins. & Trust Co.:		
Transfer of balance of deterioration account	96,699.14	For amount deposited to Cr. J. H. Adams, Pres	$150,000.00	
Transfer of balance of wharfage account	10,342.14	For interest on same to June 1st	8,202.03	
Appreciation on Hester street property	60,000.00	For interest on general account	5,611.33	
Appreciation on real estate at works	873,500.00			$163,813.36
Appreciation on buildings and apparatus, appraised at $1,658,946.—to Dr. of account, $450,000	1,208,946.00	Total		$3,991,138.14
Appreciation on street mains, appraised at $1,000,000, —to Dr. of account, $382,250	617,750.00			
Profit on New York Gas-light stock	13,725.00			
Profit on U. S. bonds (6 per cent currency)	437.50	Out of which was paid stock dividend of	$3,000,000.00	
Appreciation on stable building	3,291.89	And balance carried to surplus capital	991,138.14	
Appreciation on stable equipment, valued at $21,054, charged, $3,915.23	17,138.77			$3,991,138.14

C—METROPOLITAN GAS-LIGHT COMPANY.

Capital Account.

Date	Capital created.	How paid in.				
		Cash.	For charter.	Purchase of property.	For construction.	Total to date.
1860, November 30	$2,500,000.00	$12,150.00	$96,000.00	.....	.....	$108,150.00
1861, November 30	.....	43,190.00	36,000.00	.....	$25,600.00	212,940.00
1862, November 30	.....	85,870.00	12,000.00	.....	368,100.00	676,910.00
1863, November 30	.....	473,490.00	.....	$1,178,000.00	171,600.00	2,500,000.00
	$2,500,000.00	$612,700.00	$144,000.00	$1,178,000.00	$565,300.00	

Recapitulation.

1863, November 30, Capital paid in in cash	$612,700.00
Capital paid for charter	144,000.00
Capital paid for purchase of property from Manhattan Gas-Light Company	1,178,000.00
Capital paid for street mains and works	265,000.00
Total amount of capital stock at this date	$2,500,000.00

NOTE.—There was no increase of capital from this date, November 30, 1863, to the date of consolidation, November 10, 1884.

C—METROPOLITAN GAS-LIGHT COMPANY.

Dr. *Analysis of Profit and Loss Accounts from November 30, 1862, to November 10, 1884.* *Cr.*

Year ending	Total cost of gas, bad accounts and sundry expenses.	Depreciation written off.	Dividends.	Gross income from gas, residuals and sundries.	Appreciation written up.
1863, November 30....	$119,729 18	.....	.....	$168,892 18	$11,916 66
1864, November 30....	414,019 97	.....	.....	487,219 46	
1865, November 30....	494,293 24	$2,465 91	.....	615,099 11	
"	*21,637 06				
1866, November 30....	521,222 79	.....	$200,000 00	794,426 88	
"	*49,818 00				
1867, November 30....	614,253 20	.....	300,000 00	938,736 87	
	$2,234,973 44	$2,465 91	$500,000 00	$3,004,374 50	$11,916 66
1868, November 30....	$671,964 58	.....	$200,000 00	$1,032,965 12	
"	.....	.....	.....	‖18,840 09	
1869, November 30....	808,469 65	.....	400,000 00	1,209,200 61	
"	.....	.....	.....	‖32,337 00	
1870, November 30....	884,670 08	.....	1,300,000 00	1,321,301 21	$739,973 14
"	†144,000 00	.....	§25,000 00	‖18,626 92	
1871, November 30....	900,221 88	.....	300,000 00	1,539,479 78	
"	.....	.....	§62,500 00	‖38,917 36	
1872, November 30....	1,076,430 10	.....	200,000 00	1,521,055 54	
			§50,000 00		
	$4,485,756 29	.....	$2,537,500 00	$6,732,723 63	$739,973 14

1873, November 30....	$1,136,963 82	.....	.....	$1,495,644 88	
"	‡67,466 17				
1874, November 30....	1,067,611 53	.....	$250,000 00	1,502,132 50	
"	.....	.....	§70,000 00		
1875, November 30....	913,254 72	$138 95	250,000 00	1,497,770 70	$39 34
"	.....	.....	§70,000 00		
1876, November 30....	814,624 34	.....	375,000 00	1,328,669 07	
"	.....	.....	§105,000 00	‖15,578 86	
1877, November 30....	735,880 03	.....	250,000 00	1,202,140 49	
			§70,000 00	‖16,032 44	
	$4,735,800 61	$138 95	$1,440,000 00	$7,057,968 94	$39 34
1878, November 30....	$631,404 86	.....	$250,000 00	$1,124,255 48	
"	.....	.....	§70,000 00	°16,670 00	
1879, November 30....	649,752 22	.....	250,000 00	1,032,276 11	
"	.....	.....	§67,786 60	°14,731 09	
1880, November 30....	744,451 91	$240 00	375,000 00	1,095,023 71	
"	¶39,198 01	.....	§94,479 42	°101,526 08	
1881, November 30....	813,504 11	4,522 44	337,500 00	1,410,766 75	
"	.....	.....	§76,483 34	°14,977 92	
1882, November 30....	862,762 39	.....	450,000 00	1,551,586 75	
				°9,056 49	
	$3,741,013 50	$4,762 44	$1,971,249 36	$6,370,870 29	

* Losses by fire. † Charter. ‡ Bad accounts, 1872. § Interest on scrip. ‖ Interest and service. ¶ Loss by city. ° Interest.

C—METROPOLITAN GAS-LIGHT COMPANY.

Dr. *Analysis of Profit and Loss Accounts, etc.*—(Continued.) *Cr.*

Year ending	Total cost of gas, bad accounts and sundry expenses.	Depreciation written off.	Dividends.	Gross income from gas, residuals and sundries.	Appreciation written up.
1883, November 30....	$961,540 95	.....	$500,000 00	$1,754,486 58	
"	.....	.....	.....	*12,373 68	
1884, November 10....	971,539 40	.....	625,000 00	1,832,910 52	
				*16,075 68	
				†1,411 58	
				‡675,000 00	
	$1,938,080 35	.....	$1,125,000 00	$4,292,258 04	

* Interest. † Wharfage. ‡ Consolidated Gas-Light Company.

Dr. C—*Summary.* *Cr.*

Five Years Ending	Total cost of gas, bad accounts, sundries.	Depreciations written off.	Dividends.	Totals.	Gross income from gas, residuums, sundries.	Appreciation written up.	Totals.
1867 November 30 1872	$2,234,973.44	$2,465.91	$500,000.00	$2,737,439.35	$3,004,374.50	$11,916.66	$3,016,291.16
November 30 1877	4,485,756.29	.....	2,537,500.00	7,023,256.29	6,732,723.63	739,973.14	7,472,696.77
November 30 1882	4,735,800.61	138.95	1,440,000.00	6,175,939.56	7,057,968.94	89.34	7,058,008.28
November 30 to 1884 November 10	3,741,013.50	4,762.44	1,971,249.36	5,717,025.30	6,370,870.29	.....	6,370,870.29
	1,933,080.35	.....	1,125,000.00	3,058,080.35	3,617,258.04	.....	3,617,258.04
					*675,000.00	.....	675,000.00
	$17,130,624.19	$7,367.30	$7,573,749.36	$24,711,740.85	$27,458,195.40	$751,929.14	$28,210,124.54
Balance	.....	.....	.....	3,498,383.69			
				$28,210,124.54			$28,210,124.54

*Consolidated Gas-Light Co.

C—*Resume*

Dr				*Cr.*		
Gas manufacturing	$10,954,710.95			Gross income from gas	$25,413,621.17	
Reconstruction and repairs	1,380,163.05			Sale of residuals	991,374.06	
Taxes	1,477,177.17			Interest	282,439.39	
Salaries, office expenses, &c	2,037,948.46			Service	39,966.66	
Interest, insurance, &c	700,042.65			Sundries	55,794.12	
Lamps, services	80,324.59					$26,783,195.40
Fire losses	71,455.06			Appreciation		751,929.14
Charter	144,000.00			Consolidated Gas-light Co		675,000.00
Meter and gas stove setting	42,192.27					
Rent and sundries	10,022.08					
		$16,898,036.98				
Loss on bad accounts	$160,029.37					
Loss on meters	72,558.54					
		232,587.91				
			$17,130,624.19			
Depreciation			7,367.30			
Dividends			7,573,749.36			
Balance to credit profit and loss			3,498,383.69			
			$28,210,124.54			$28,210,124.54

Dr. *Particulars of sale to the Consolidated Gas-Light Company, November 11, 1884.* *Cr.*

Date.	PARTICULARS.	State of acc't prior to Cr. of appreciation.	Appreciation written up.	Sold for	Date.	PARTICULARS.	Amount.
1884.					1884.		
Nov. 30	To gas, msurance, supplies, materials, gas stoves, lamps, stationery, etc., handed over to the Consolidated.....	.....	.....	$10,625.37	Nov. 30	By bonds of company outstanding, assumed by Consolidated Gas-Light Company	$658,000.00
	To street mains laid between Nov. 1 and Nov 11, 1884..	.....	.....	10,738.10		By interest accrued on same.....	11,295.67
	To services laid between November 1 and 11.....	.....	.....	3,749.00		By mortgage on 8 lots in 41st street, 10th and 11th aves.....	30,000.00
	To real estate	$1,411,274.57	$62,725.43	1,474,000.00		By interest on same.....	558.33
	To construction	2,608,195.64	.....	.....		By scrip outstanding.....	920.00
	To 65th street station.....	34,505.22	*598,700.86	2,044,000.00		By sundry other obligations assumed by the Consolidated Gas-Light Co.	2,136.45
	To mains, meters and services	1,237,129.17	239,870.83	1,477,000.00	Dec. 31	By proportion of gas collected by Metropolitan Co. belonging to Consolidated Co., from Nov. 11 to 14, 1884.....	18,084.25
	To bulkheads, etc.....	.....	300,000.00	300,000.00		By money deposited with Metropolitan Co. as security for payment of gas bills assumed by Consolidated Co.	95,120.25
	To office furniture.....	1,070.75	10,929.25	12,000.00		By interest on same at 10 per cent	9,512.02
	To laboratory	.....	5,000.00	5,000.00		By difference on derricks (belonging to street mains).....	136.49
	To franchises	.....	1,863,000.00	1,863,000.00	1885.		
	To coal, water and supplies at works, as per account of Nov. 11, 1884.....	.....	.....	92,342.89	Feb. 28	By cash received from Consolidated Gas Co. for balance of accounts, as adjusted by the adjusting committee	23,753.46
	To meters, as per account of Nov. 11, 1884.....	.....	.....	10,301.41		By balance—amount to be distributed to each stockholder of the Metropolitan Gas-Light Co., 2 6-10 shares of Consolidated stock, for the entire capital of $2,500,000	6,500,000.00
	To cash paid to collector of street assessments	.....	.....	600.00			
	To mains, materials on Dec. 31, 1884, pipes, branches, reducers, bends, retorts, pieces, etc.	.....	.....	43,319.23			
	Lamp and service materials, coal, repairs, etc.....	.....	.....	2,840.92			
			$2,481,525.51				
	Less depreciation	.....	598,700.86				
		$5,292,175.35	$1,882,824.65	$7,349,516.92			$7,349,516.92

C—METROPOLITAN GAS-LIGHT COMPANY.

Dr. *Capital Investments—Real Estate.* *Cr.*

Sixty-fifth Street Works, N. Y.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property	$323,000 00	By receipt from sales	$225,000 00
street assessments	41,080 31	receipts from rents	117,373 54
taxes	41,600 07	receipts from wharfage	422 33
legal expenses, surveying, etc	3,360 90	sales of old materials	2,780 00
appreciation written up	526,259 54	balance, being net cost of property as now shown on books	589,724 95
	$935,300 82		$935,300 82

Sixty-second Street Works, N. Y.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property	$212,993 14	By receipts from rents	$3,985 00
taxes and assessments	8,884 85	balance, being net cost of property as now shown on books	238,075 49
legal expenses, surveying, etc	230 00		
interest paid	19,952 50		
	$242,060 49		$242,060 49

Forty-second Street Works, N. Y.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property.....	$125,000 00	By balance, being net cost of property as now shown on books.....	$390,956 39
improvements (bulkhead)	28,358 22		
street assessments	2,782 89		
taxes	2,715 87		
legal expenses, surveying, etc....	3,516 90		
interest paid	18,473 67		
appreciation written up.....	210,108 84		
	$390,956 39		

Forty-second Street Property, N. Y.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property.....	$19,250 00	By balance, being net cost of property as now shown on books.....	$26,690 04
street assessments	46 26		
taxes	3,224 02		
legal expenses, surveying, etc....	345 00		
appreciation written up.....	3,604 76		
	$26,690 04		

C—METROPOLITAN GAS-LIGHT COMPANY.

Dr. *Capital Investments—Real Estate*—(Continued). *Cr.*

Avenue A, N. Y.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property	$90,000 00	By receipt from rents	$2,086 50
taxes and assessments	1,629 05	balance, being net cost of property as now shown on books	89,948 35
legal expenses, surveying, etc	405 80		
	$92,034 85		$92,034 85

Tenth and Eleventh Avenues, Nos. 41 and 42, N. Y.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property	$50,000 00	By balance, being net cost of property as now shown on books	$50,000 00

Cliff Side, N. J.

February 1, 1860, to November 10, 1884:		February 1, 1860, to November 10, 1884:	
To purchase of property	$18,588 00	By balance, being net cost of property as now shown on books	$25,879 35
water front privileges	7,291 35		
	$25,879 35		

Dr. *C—Summary.*

Description.	Purchase of property.	Street assessments.	Taxes.	Legal expenses, surveying, etc.	Interest paid.	Appreciation written up.	Totals.
Sixty-fifth street works	$323,000.00	$41,080 31	$41,600 07	$3,360 90	.....	$526,259 54	$935,300 82
Sixty-second street works	212,993.14	.....	*8,884 85	230 00	$19,952 50	.....	242,060 49
Forty-second street works	125,000.00	2,782 89	2,715 87	3,516 90	18,473 67	210,108 84	390,956 39
Improvements (b'lkhead)	28,358.22						
Forty-second street property	19,250.00	46 26	3,244 02	545 00	.....	3,604 76	26,690 04
Avenue A	90,000.00	.....	*1,629 05	405 80	.....	.....	92,034 85
Tenth and Eleventh avenues Nos. 41 and 42	†50,000.00	.....	.....	.....	.....	.....	50,000 00
Cliff Side, N. J.	18,588.00	.....	.....	.....	.....	.....	25,879 35
Water front privileges	7,291.35						
	$874,480.71	$43,909 46	$58,073 86	$8,058 60	$38,426 17	$739,973 14	$1,762,921 94

* Taxes and assessments.

† Twenty thousand dollars paid in cash, mortgage given for $30,000.

C—Summary—(Continued).

Cr.

Description.	Sales.	Rents received.	Wharfage received.	Sales of old materials.	Dr. balance, being net amount invested.	Totals.
Sixty-fifth street works	$225,000.00	$117,373 54	$422 33	$2,780 00	$589,724 95	$935,300 82
Sixty-second street works	.....	3,985 00	.....	.....	238,075 49	242,060 49
Forty-second street works	.....	.....	.....	.....	390,956 39	390,956 39
Forty-second street property	.....	.....	.....	.....	26,690 04	26,690 04
Avenue A	.....	2,086 50	.....	.....	89,948 35	92,034 85
Tenth and Eleventh avenues, Nos. 41 and 42	.....	.....	.....	.....	50,000 00	50,000 00
Cliff Side, N. J.	.....	.....	.....	.....	25,879 35	25,879 35
	$225,000.00	$123,445 04	$422 33	$2,780 00	$1,411,274 57	$1,762,921 94

C—METROPOLITAN GAS-LIGHT COMPANY.

Capital Investments.

Year.	Real estate.	Construction.	Mains and Meters.	Furniture, etc.	Totals.
1860	$140,908 72	$4,108 25	.....	.....	$145,016 97
1861	140,908 72	60,070 61	.....	.....	200,979 33
1862	165,001 01	562,641 69	.....	.....	727,642 70
1863	494,325 82	1,607,212 00	$442,064 80	$5,913 63	2,549,516 25
1864	494,944 76	1,671,868 09	425,032 44	5,913 63	2,597,758 92
1865	477,005 23	1,679,069 63	415,948 72	7,059 54	2,579,083 12
1866	478,860 41	1,662,318 37	428,818 66	*42,325 53	2,612,323 27
1867	473,940 73	1,725,040 46	458,059 77	*19,129 60	2,676,170 56
1868	492,685 98	1,789,768 07	544,903 48	*49,506 40	2,876,863 93
1869	501,738 78	1,937,103 63	587,791 14	*35,043 22	3,061,676 77
1870	1,266,240 00	2,013,231 31	634,718 91	7,189 42	3,921,379 64
1871	1,261,548 52	2,094,392 92	731,570 38	7,337 67	4,094,849 49
1872	1,416,014 70	2,361,134 40	840,756 25	7,538 57	4,625,443 92
1873	1,414,946 79	2,503,828 38	873,613 46	4,417 07	4,796,805 70
1874	1,322,144 72	2,512,351 95	899,450 71	5,430 69	4,739,378 07
1875	1,449,741 01	2,483,247 21	940,782 29	5,557 69	4,879,328 23
1876	1,440,870 01	2,494,548 09	971,171 77	5,593 19	4,912,183 09
1877	1,437,352 49	2,499,012 13	1,004,972 33	5,593 19	4,946,930 14

* Includes expenses on bulkheads charged to real estate in November, 1870.

C—METROPOLITAN GAS-LIGHT COMPANY.

Capital Investments—(Continued).

Year.	Real estate.	Construction.	Mains and Meters.	Furniture, etc.	Totals.
1878.....	$1,211,819 47	$2,501,656 98	$1,025,118 84	$5,593 19	$4,744,188 48
1879.....	1,203,293 67	2,507,502 87	1,072,240 21	5,593 19	4,788,629 94
1880.....	1,198,781 37	2,515,397 65	1,095,188 25	5,593 19	4,814,960 46
1881.....	1,290,048 19	2,552,500 29	1,138,210 20	1,070 75	4,981,829 43
1882.....	1,366,687 19	2,586,315 64	1,199,970 78	1,070 75	5,154,044 36
1883.....	1,424,487 46	2,598,465 64	1,229,680 73	1,135 75	5,253,769 58
Nov. 10, 1884.....	1,445,779 79	2,608,195 64	1,237,129 17	1,372 97	5,292,477 57

C—METROPOLITAN GAS-LIGHT COMPANY.

Current Capital, Account, Surplus, etc.

YEARS.	Capital stock.	Current Capital. Surplus.	Scrip outstanding.	Bonds, mortgages and loans.	Total.	Total capital stock and current capital.	Deduct loans receivable.	Net totals.	Average.
1860	$108,150.00	.....	.....	$122,500.00	$122,500.00	$230,650.00	.....	$230,650.00	
1861	212,940.00	.....	.....	110,000.00	110,000.00	322,940.00	.....	322,940.00	
1862	676,910.00	.....	.....	110,000.00	110,000.00	786,910.00	.....	786,910.00	
1863	2,500,000.00	.....	.....	281,441.71	281,441.71	2,781,441.71	$25,750.00	2,755,691.71	
1864	2,500,000.00	$61,079.66	.....	311,744.47	372,824.13	2,872,824.13	4,000.00	2,868,824.13	
1865	2,500,000.00	134,279.15	.....	364,930.86	499,210.01	2,999,210.01	.....	2,999,210.01	
1866	2,500,000.00	230,982.05	.....	313,405.23	544,387.28	3,044,387.28	72,017.75	2,972,369.53	
1867	2,500,000.00	254,368.14	.....	313,405.23	567,773.37	3,067,773.37	15,400.00	3,052,373.37	
								$15,988,968.75	$1,998,621.09
1868	2,500,000.00	278,851.81	.....	497,405.23	776,257.04	3,276,257.04	168,660.66	$3,107,596.38	
1869	2,500,000.00	458,692.44	.....	501,905.23	960,597.67	3,460,597.67	83,960.66	3,376,637.01	
1870	2,500,000.00	491,760.40	$1,000,000.00	500,000.00	1,991,760.40	4,491,760.40	98,000.00	4,393,760.40	
1871	2,500,000.00	217,991.59	1,000,000.00	500,000.00	1,717,991.59	4,217,991.59	232,000.00	3,985,991.59	
1872	2,500,000.00	533,666.85	1,000,000.00	854,700.00	2,388,366.85	4,888,366.85	.....	4,888,366.85	
								$19,752,352.23	$3,950,470.45
1873	2,500,000.00	728,292.29	1,000,000.00	704,119.22	2,432,411.51	4,932,411.51	.....	$4,932,411.51	
1874	2,500,000.00	1,019,507.18	998,492.20	647,700.00	2,665,699.38	5,165,699.38	.....	5,165,699.38	
1875	2,500,000.00	1,134,028.15	998,320.00	458,000.00	2,590,348.15	5,090,348.15	300.00	5,090,048.15	
1876	2,500,000.00	1,398,444.52	996,600.00	443,000.00	2,838,044.52	5,338,044.52	244,900.00	5,093,144.52	
1877	2,500,000.00	1,448,068.11	976,600.00	368,000.00	2,792,668.11	5,292,668.11	272,430.00	5,020,238.11	
								$25,301,541.67	$5,060,308.33

C—METROPOLITAN GAS-LIGHT COMPANY.

Current Capital, Account, Surplus, etc.—(Continued).

YEARS.	Capital stock.	Current Capital. Surplus.	Scrip outstanding.	Bonds, mortgages and loans.	Total.	Total capital stock and current capital.	Deduct loans receivable.	Net totals.	Average.
1878	$2,500,000.00	$1,610,361.01	$964,800.00	$1,000.00	$2,576,161.01	$5,076,161.01	$226,000.00	$4,850,161.01	
1879	2,500,000.00	1,799,881.63	899,804.00	.....	2,699,685.63	5,199,685.63	246,450.00	4,953,235.63	
1880	2,500,000.00	1,879,349.92	898,884.00	.....	2,778,233.92	5,278,233.92	246,850.00	5,031,383.92	
1881	2,500,000.00	1,822,530.37	8,842.00	658,000.00	2,489,372.37	4,989,372.37	104,800.00	4,884,572.37	
1882	2,500,000.00	2,016,265.15	2,011.00	658,000.00	2,676,276.15	5,176,276.15	155,200.00	5,021,076.15	
								$24,740,429.08	$4,948,085.82
1883, November 30	2,500,000.00	2,264,206.00	920.00	658,000.00	2,923,126.00	5,423,126.00	280,322.10	$5,142,803.90	
1884, November 10	2,500,000.00	2,569,525.31	.....	658,000.00	3,227,525.31	5,727,525.31	303,700.00	5,423,825.31	
								$10,566,629.21	$5,434,266.45

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C—METROPOLITAN GAS-LIGHT COMPANY.

Dividend account.

YEAR.	Increase of capital.	Total capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at ten per cent per annum on paid up capital.	Amount in excess of ten per cent.	Amount in deficiency below ten per cent.
1860	$108,150.00	$108,150.00	.....	.....	$10,815.00	.....	$10,815.00
1861	104,790.00	212,940.00	.....	.....	21,294.00	.....	21,294.00
1862	463,970.00	676,910.00	.....	.....	67,691.00	.....	67,691.00
1863	1,823,090.00	2,500,000.00	.....	.....	250,000.00	.....	250,000.00
1864	.....	2,500,000.00	.....	.....	250,000.00	.....	250,000.00
1865	.....	2,500,000.00	.....	.....	250,000.00	.....	250,000.00
1866	.....	2,500,000.00	$200,000.00	8.00	250,000.00	.....	50,000.00
1867	.....	2,500,000.00	300,000.00	12.00	250,000.00	$50,000.00	.....
1868	.....	2,500,000.00	200,000.00	8.00	250,000.00	.....	50,000.00
1869	.....	2,500,000.00	400,000.00	16.00	250,000.00	150,000.00	.....
1870	.....	2,500,000.00	1,325,000.00	53.00	250,000.00	1,075,000.00	.....
1871	.....	2,500,000.00	362,500.00	14.50	250,000.00	112,500.00	.....
1872	.....	2,500,000.00	250,000.00	10.00	250,000.00	.....	.....
1873	.....	2,500,000.00	.....	.....	250,000.00	.....	250,000.00
1874	.....	2,500,000.00	320,000.00	12.80	250,000.00	70,000.00	.....
1875	.....	2,500,000.00	320,000.00	12.80	250,000.00	70,000.00	.....
1876	.....	2,500,000.00	480,000.00	19.20	250,000.00	230,000.00	.....
1877	.....	2,500,000.00	320,000.00	12.80	250,000.00	70,000.00	.....
1878	.....	2,500,000.00	320,000.00	12.80	250,000.00	70,000.00	.....
1879	.....	2,500,000.00	317,786.60	12.71	250,000.00	67,786.60	.....
1880	.....	2,500,000.00	469,479.42	18.78	250,000.00	219,479.42	.....
1881	.....	2,500,000.00	413,983.34	16.56	250,000.00	163,983.34	.....
1882	.....	2,500,000.00	450,000.00	18.00	250,000.00	200,000.00	.....

C—METROPOLITAN GAS-LIGHT COMPANY.

Dividend account.—(Continued).

YEAR.	Increase of capital.	Total capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at ten per cent per annum on paid up capital.	Amount in excess of ten per cent.	Amount in deficiency below ten per cent.
1883.....	.....	$2,500,000.00	$500,000.00	20.00	$250,000.00	$250,000.00	.....
1884, Nov. 10.....	.....	2,500,000.00	625,000.00	29.03	250,000.00	375,000.00	.....
	$2,500,000.00		$7,573,749.36			$3,173,749.36	
Less amount at ten per cent per annum on paid-up capital.....			5,599,800.00	Less deficiency below ten per cent per annum on paid-up capital		1,199,800.00	
Net excess of dividends over ten per cent. per annum			$1,973,949.36			$1,973,949.36	

D—MUNICIPAL GAS-LIGHT COMPANY.

Capital Account.

Year.	Capital created.	HOW PAID IN.					Totals.
		Cash.	Purchase of property.	Purchase of patents.	In payment of expenses	Charged to profit.	
1876	$500,000	$212,700	$100,000	$150,000	$5,000	$25,800	$493,500
1877	1,000,000	709,300	.....	200,000	3,700	.....	1,406,500
1878	.....	93,300	.....	.....	200	.....	1,500,000
1879	500,000	500,000	.....	.....	.....	.....	2,000,000
1880	1,000,000	*849,800	.....	.....	.....	.....	2,849,800
1882	.....	150,200	.....	.....	.....	.....	3,000,000
	$3,000,000	$2,515,300	$100,000	$350,000	$8,900	$25,800	

*Includes $350,000 paid in by the Bayard estate.

D—MUNICIPAL AND KNICKERBOCKER GAS-LIGHT COMPANIES.

Dr. *Analysis of Profit and Loss Accounts from January 1, 1876, to November 11, 1884.* *Cr.*

Year.	Total cost of gas, bad accounts and sundries.	Depreciation.	Dividends.	Gross income from gas and sundries.	Appreciation written up.	Depreciation.
1876	$63,530.23	.....	.....	$200.00		
1877	13,388.54	.....	.....	492.07	$87,000.00	
1878	215,439.18	.....	.....	150,439.67		
1879	838,914.26	$42,588.69	$90,000.00	†1,840,778.75		
1880	*1,070,935.99	.....	353,742.50	1,472,149.61	.....	$26,941.70
1880	*5,816.92*	.....	.....	*7,140.14*		
1881	898,035.69	.....	712,450.00	1,710,356.12		
1881	*135,174.05*	.....	.....	*245,963.06*		
1882	742,895.87	.....	600,000.00	1,749,574.29		
1882	*238,713.59*	.....	.....	*355,780.64*		
1883	725,728.87	11,269.50	600,000.00	1,716,952.15	5,000.00	
1883	*252,912.18*	.....	.....	*373,856.72*		
1884 to Nov. 11	450,562.31	.....	450,000.00	1,196,720.67		
1884, to Nov. 11	*219,779.31*	.....	.....	*286,075.10*		
Municipal	$5,019,430.44	$53,858.19	$2,806,192.50	$9,837,663.33	$92,000.00	$26,941.70
Knickerbocker	*852,396.05*	.....	.....	*1,268,815.66*		
Municipal & Knickerbocker...	$5,871,826.49	$53,858.19	$2,806,192.50	$11,106,478.99	$92,000.00	$26,941.70

* Includes $300,000 compromise of Knickerbocker suit.

† Includes $300,000 paid by N. Y. Gas-Light Co. for patent rights.

Recapitulation.

Municipal.	Total receipts from gas		$9,537,663 33	
	Total appreciation and profits on sales of property		418,941 70	
			$9,956,605 03	
	Total expenses	$4,719,430 44		
	Total depreciations, etc	353,858 19		
	Total dividends paid	2,806,192 50		
			7,879,481 13	
	Surplus profits			$2,077,123 90
Knickerbocker.	Total receipts		*$1,268,815 66*	
	Total expenses		*852,396 05*	
	Surplus profits			*416,419 61*
	Total surplus			$2,493,543 51
Total depreciations written off from this account				$804,107 74
Appreciations or depreciations written back November 11, 1884				804,107 74

NOTE—The figures in italics refer to the Knickerbocker Company.

CONSOLIDATED GAS CO. OF NEW YORK

Dr. *Particulars of Sale to the Consolidated Gas-Light Company, November* 11, 1884.

1884, Nov. 11:			1884, Nov. 11:		
To sundry consumers account.....		$196,233 24	By indebtedness, assumed, mortgage bonds outstanding..	$291,000 00	
To gas production:			Accrued interest on same	565 83	
coal	$9,418 50				$291,565 83
wood	968 75		By Augustus Taber & Wm. T. Waring, trustees, bond and mortgage	$2,000 00	
naphtha	3,327 08		By accrued interest...	3 34	
lime	350 46				2,003 34
oils, waste, etc.....	178 95		By Peter Cooper con.....		35,000 00
gas in holder.....	2,620 00		By taxes and assessments, personal	$42,262 02	
gas not indexed.....	7,129 12		on dividends	15,000 00	
		23,992 86			57,262 02
To pipe and specials acct., materials on hand		14,747 11	By rent account, rents accrued and rec'vd in advance.....		40 00
To gas stove account, stoves on hand		217 89	By sundry creditors account for accrued rents		249 99
To expense acct., supplies on hand.....	$1,180 28		By consumers' deposit account for receipts outstanding		14,808 32
To water rates to May 1, 1885	120 89				
		1,301 17			
To repairs to works acct. materials on hand		3,501 17			
To insurance account, unearned premiums on policies in force.....		1,574 18			
To tools and implements account...		62 52			

D—MUNICIPAL AND KNICKERBOCKER GAS-LIGHT COMPANIES.

Dr. Particulars of Sale to the Consolidated Gas-Light Company, November 11, 1884—(Continued). *Cr.*

To rents acct., rents paid in advance		56 67	By interest account, for accrued interest on deposit, receipts estimated		1,480 83
To gas service acct., services placed after June 30, 1884	$2,172 00		By cash on account	$50,000 00	
To pipe and fittings for services	1,408 05		By cash on account	130,000 00	
Cocks and connections	977 39		By cash on account	56,565 72	
		4,557 44			236,565 72
To Forty-fourth st. construction acct.		5,125 00	By stock of Consolidated Gas-light Co.		6,600,000 00
To gas meter account, meters set after J'ne 30, '84, and on hand		5,126 13	By amount of indebtedness assumed, account K. G. L. Co. taxes account, State tax on capital		*225 00*
To distribution acct., for burners, etc.		344 03	By interest account		*1,395 59*
To horses, wagons and harness		740 00	By consumers' deposits, balance of account		*13,953 89*
To real estate	889,000 00		Bonds outstanding	*$687,000 00*	
To bulkheads, piers and water rights	200,000 00		Unpaid interest on same to Nov. 11	*18,320 00*	
		1,089,000 00			*705,320 00*
To plant account	$1,804,000 00		Bills payable outstanding	*$450,000 00*	
To laboratory	6,000 00		Unpaid interest on same	*4,375 00*	
		1,810,000 00			*454,375 00*

Dr. Particulars of Sale to the Consolidated Gas-Light

Dr. Particulars of Sale to the Consolidated Gas-Light Company, November 11, 1884—(Continued). *Cr.*

To mains account		$749,000 00	By balance		$30,000 00
To meters account		158,000 00			
To services account		103,000 00	Total Municipal Co.		$7,268,976 05
To office furniture		16,000 00	Total Knickerb'kr Co.		1,175,271 48
To patent rights, franchises, etc		1,175,000 00			
To sundry consumers account		40,943 44			$8,444,247 53
To gas production:					
coal	$510 30				
wood	543 75				
naphtha	4,274 80				
lime	700 02				
bone black	2,074 98				
coke	6 75				
oils, waste, etc	208 72				
turps	348 00				
gas in holders	814 00				
gas not indexed	911 72				
		10,393 04			
To pipe and specials		20,007 51			
To gas stove account, stoves on hand		120 41			
To expense account:					
supplies on hand	$442 99				
water rates	85 95				
		528 94			
To repairs to works acct., materials on hand		1,241 53			
To insurance account		616 59			
To tools and implements not included in plant		1,025 65			
To service acct., services laid since June 30	$2,765 00				

D—MUNICIPAL AND KNICKERBOCKER GAS-LIGHT COMPANIES.

Dr. Particulars of Sale to the Consolidated Gas-Light Company, November 11, 1884—(Continued). *Cr.*

To pipe and fittings on hand	*13 12*	
Cocks and connections	*4,220 53*	
		6,998 65
To street mains laid since June 30..		*2,139 10*
To rent account, rents paid in advance		*79 99*
To construction acct., new works account, amount not included in plant		*937 20*
To meter acct., meters set since June 30		*1,636 07*
1884, Nov. 11:		
To real estate.....	*$480,000 00*	
To bulkheads, piers and water rights...	*115,000 00*	
		$595,000 00
To plan account, new works account	*$980,000 00*	
To laboratory	*1,000 00*	
		981,000 00
To mains account.....		*744,000 00*
To meters account.....		*69,000 00*
To services account.....		*81,000 00*
To office furniture.....		*2,000 00*
To patent rights, franchises, etc....		*528,000 00*
Total Municipal Company.....		$5,357,579 41
Total Knickerbocker Co.....		*3,086,668 12*
		$8,444,247 53

Summary.

	State of acct. prior to credit of appreciation.	Appreciation written up.	Sold for		
To sundries	$344,247 53	.....	$344,247 53	By stock of the Consolidated Gas-light Co.	$6,600,000 00
To real estate.....	561,462 83	$807,537 17	1,369,000 00		
To bulkhead, piers and water rights.	.....	315,000 00	315,000 00	By liabilities, bonds and accrued interest assumed by the Consolidated Co.	1,488,264 17
To plant account, laboratory	1,694,971 48	1,096,028 52	2,791,000 00		
To mains acct. meter and services	923,865 03	980,134 97	1,904,000 00	By other liabilities as assumed by Consolidated Co.	89,417 64
To office furniture..	7,880 72	10,119 28	18,000 00		
To patent right, franchises, etc...	904,197 80	798,802 20	1,703,000 00	By cash paid	236,565 72
	$4,436,625 39	$4,007,622 14	$8,444,247 53	By balance remaining unsettled by the Consolidated Gaslight Co.	30,000 00
					$8,444,247 53

D—MUNICIPAL AND KNICKERBOCKER GAS-LIGHT COMPANIES.

Capital Investments.

YEAR.	Real estate.	Patent.	Gas works.	Mains, meters, services.	Horses, wagons, tools, etc.	Offices.	Totals.
1876	.....	$150,000.00	$308,522.18	$90,550.85	.....	$211.47	$549,284.50
1877	$489,948.81	350,000.00	793,115.24	470,745.34	$3,293.79	2,211.84	2,109,315.02
1878	498,996.56	350,000.00	1,144,944.34	636,182.05	17,948.68	5,086.11	2,653,157.74
1879	546,412.53	600,000.00	1,140,852.13	800,481.73	9,310.19	3,520.74	3,100,577.32
1880	551,412.53	600,000.00	1,557,165.21	823,752.59	18,663.79	3,987.49	3,554,981.61
			451,021.03	*59,943.57*	*1,442.55*	*686.81*	*513,093.96*
1881	553,225.67	480,000.00	1,341,199.07	708,007.17	17,142.69	3,732.83	3,103,307.43
			458,900.95	*73,555.33*	*2,943.15*	*686.81*	*536,086.24*
1882	553,557.83	703,429.79	1,406,010.81	635,444.09	14,370.86	3,193.05	3,316,006.43
			460,571.46	*92,711.76*	*4,099.48*	*818.39*	*558,200.99*
1883	553,457.83	600,000.00	1,413,252.29	656,678.64	19,489.05	3,293.45	3,246,171.26
			482,445.28	*122,405.53*	*5,577.52*	*874.62*	*611,302.95*
1884	561,462.83	904,197.80	1,666,487.62	923,865.03	28,483.86	7,880.72	4,092,377.86
			660,841.70	*143,372.17*	*4,991.12*	*1,275.16*	*810,481.15*

Note.—The figures in italics refer to the Knickerbocker Co.

D—MUNICIPAL AND KNICKERBOCKER GAS-LIGHT COMPANIES.

Current Capital and Surplus.

Years.	Capital stock.	Surplus.				Total capital stock and surplus.	Deduct loans receivable.	Net totals.	Average.
		Municipal.	Knicker-bocker.	Bonds and bills payable.	Total.				
1876	$493,500.00	.....	.....	*$68,508.58	$68,508.58	$562,008.58	.....	$562,008.58	
1877	1,406,500.00	.....	.....	380,650.00					
				*310,242.20	690,892.20	2,097,392.20	.....	2,097,392.20	
1878	1,500,000.00	.....	.....	649,071.43					
				*291,655.42	940,726.85	2,440,726.85	.....	2,440,726.85	
1879	2,000,000.00	$815,049.59	.....	768,843.67	1,583,893.26	3,583,893.26	$50,000.00	3,533,893.26	
1880	2,849,800.00	889,462.41	*$1,323.22*	763,107.53	1,653,893.16	4,503,693.16	102,206.50	4,401,486.66	
1881	2,849,800.00	989,622.84	*112,112.23*	758,258.92	1,859,993.99	4,709,793.99	60,518.34	4,649,275.65	
1882	3,000,000.00	1,396,011.76	*229,178.28*	757,639.45	2,382,830.49	5,382,830.49	123,350.00	5,259,480.49	
1883	3,000,000.00	1,780,965.54	*350,123.82*	789,311.66	2,920,401.02	5,920,401.02	250,906.58	5,669,494.44	
To November 10, 1884	3,000,000.00	2,077,123.90	*416,419.61*	.....	2,493,543.51	5,493,543.51	510,806.59	4,982,736.92	
								$33,596,495.05	$3,791,453.99

*These are bills payable.

NOTE—Italic figures are for Knickerbocker Gas-Light Company.

D—MUNICIPAL GAS-LIGHT COMPANY.

Dividend Account.

Year.	Increase of capital.	Total capital paid up	Dividends paid.	Rate per cent per annum.	Amount at ten per cent on paid-up capital.	Amount in excess of ten percent on paid-up capital.	Deficiency below ten per cent.
1876 (6 months)	$493,500.00	$493,500.00	.....	.....	$24,675.00	.....	$24,675.00
1877	913,000.00	1,406,500.00	.....	.....	140,650.00	.....	140,650.00
1878	93,500.00	1,500,000.00	.....	.....	150,000.00	.....	150,000.00
1879	500,000.00	2,000,000.00	$90,000.00	$450.00	200,000.00	.....	110,000.00
1880	849,800.00	2,849,800.00	353,742.50	12,413.00	284,980.00	$68,762.50	.....
1881	.....	2,849,800.00	712,450.00	25.00	284,980.00	427,470.00	.....
1882	150,200.00	3,000,000.00	600,000.00	20.00	300,000.00	300,000.00	.....
1883	.....	3,000,000.00	600,000.00	20.00	300,000.00	360,000.00	.....
1884 (10 months)	.....	3,000,000.00	450,000.00	18.00	250,000.00	200,000.00	.....
	$3,000,000.00		$2,806,192.50	.....	.....	$1,296,232.50	.....
Less amount at ten per cent per annum on paid-up capital.			1,935,285.00	Less deficiency below ten per cent per annum on paid-up capital.....		425,325.00	
Net excess of dividends over ten per cent per annum.			$870,907.50			$870,907.50	

E—HARLEM GAS-LIGHT COMPANY.

Capital account.

Year	How paid in. Cash	For construction.	Appreciation on properties and plant.	Script dividends	Total to date.
1856	$85,000 00	.....	.....	.....	$85,000 00
1857	33,725 00	$125,000 00	.....	.....	243,725 00
1858	29,875 00	25,950 00	.....	.....	299,550 00
1859	450 00	.....	.....	.....	300,000 00
1860	47,900 00	.....	.....	.....	347,900 00
1862	50,950 00	.....	.....	.....	398,850 00
1863	1,150 00	.....	.....	.....	400,000 00
1864	120,000 00	.....	.....	$80,000 00	600,000 00
1866	199,750 00	.....	$200,000 00	.....	999,750 00
1867	250 00	.....	.....	.....	1,000,000 00
1869	250,000 00	.....	.....	.....	1,250,000 00
1871	250,000 00	.....	.....	.....	1,500,000 00
1872	299,600 00	.....	.....	.....	1,799,600 00
1873	400 00	.....	.....	.....	1,800,000 00
1884	200,000 00	.....	.....	.....	2,000,000 00
	$1,569,050 00	$150,950 00	$200,000 00	$80,000 00	

E—HARLEM GAS-LIGHT COMPANY.

Capital account.—(Continued).

Recapitulation.

1884, Nov. 10.	Capital paid in cash	$1,569,050 00
	Capital paid for construction	150,950 00
	Capital paid by appreciation on properties and plant	200,000 00
	Capital paid by scrip dividend	80,000 00
	Total	$2,000,000 00

E—HARLEM GAS-LIGHT COMPANY.

Dr. *Analysis of Profit and Loss Accounts from July 1st, 1857, to November 11th, 1884.* *Cr.*

Year	Total cost of gas, interest and sundries.	Depreciation.	Dividends.	Gross income from gas, interest and sundries.	Appreciation written up.
1857	.....	.....	.....	$10,356 84	.....
1858	$19,844 50	.....	$7,573 50	32,727 25	.....
1859	65,424 42	.....	20,984 25	100,524 36	.....
1860	66,548 77	.....	21,000 00	103,030 99	.....
1861	79,351 37	.....	24,353 00	118,587 25	.....
	$231,169 06	.....	$73,910 75	$365,226 69	.....
1862	$84,775 84	.....	$26,019 00	$128,843 36	.....
1863	115,139 51	.....	108,000 00	139,309 75	.....
1864	173,763 86	.....	28,000 00	161,427 98	.....
1865	188,892 85	.....	42,000 00	316,586 40	.....
1866	214,813 18	.....	129,000 00	222,354 97	.....
	$777,385 24	.....	$333,019 00	$968,522 46	.....
1867	$225,006 85	.....	$99,987 50	$349,445 82	.....
1868	227,996 87	.....	100,000 00	447,745 31	.....
1869	265,111 16	.....	162,500 00	331,163 79	.....
1870	293,712 56	.....	125,000 00	333,477 01	.....
1871	291,059 59	.....	137,500 00	509,859 73	.....
	$1,302,887 03	.....	$624,987 50	$1,971,691 66	.....

E—HARLEM GAS-LIGHT COMPANY.

Dr. Analysis of Profit and Loss Account from July 1st, 1857, to Nov. 11th, 1884—(Continued).—*Cr.*

Year	Total cost of gas, interest and sundries.	Depreciation.	Dividends.	Gross income from gas, interest and sundries.	Appreciation written up.
1872	$349,493 53	.....	$225,000 00	$295,213 12	.....
1873	335,447 97	.....	144,000 00	750,248 03	.....
1874	251,787 52	.....	144,000 00	453,766 51	.....
1875	302,605 71	.....	144,000 00	441,454 23	.....
1876	257,334 26	.....	144,000 00	408,582 85	.....
	$1,496,668 99	.....	$801,000 00	$2,349,264 74	.....
1877	$223,442 76	.....	$135,000 00	$344,858 31	.....
1878	262,511 89	.....	54,000 00	318,621 49	.....
1879	257,122 91	.....	.....	310,881 98	.....
1880	283,524 58	.....	.....	315,554 38	.....
1881	317,140 97	.....	.....	421,127 52	.....
	$1,343,743 11	.....	$189,000 00	$1,711,043 68	.....
1882	$349,613 46	$175,898 70	$54,000 00	$462,394 92	.....
1883	415,401 99	.....	108,000 00	538,372 13	.....
1884	432,882 53	112,454 89	146,000 00	600,553 24	$1,176 23
	$1,197,897 98	$288,353 59	$308,000 00	$1,601,320 29	$1,176 23

E—HARLEM GAS-LIGHT COMPANY.

Dr. *Summary.* *Cr.*

Five years ending December 31.	Total cost of gas, interest and sundries.	Depreciation.	Dividends.	Total.	Gross income from gas, interest and sundries.	Appreciation written up.	Totals.
1861	$231,169 06	.....	$73,910.75	$305,079.81	$365,226.69	.....	$365,226.69
1866	777,385 24	.....	333,019.00	1,110,404.24	968,522.46	.....	968,522.46
1871	1,302,887 03	.....	624,987.50	1,927,874.53	1,971,691.66	.....	1,971,691.66
1876	1,496,668 99	.....	801,000.00	2,297,668.99	2,349,264.74	.....	2,349,264.74
1881	1,343,743 11	.....	189,000.00	1,532,743.11	1,711,043.68	.....	1,711,043.68
To Nov. 11, 1884	1,197,897 98	$288,353.59	308,000.00	1,794,251.57	1,601,320.29	$1,176.23	1,602,496.52
	$6,349,751 41	$288,353.59	$2,329,917.25	$8,968,022.25	$8,967,069.52	$1,176.23	$8,968,245.75
Balance				223.50			
				$8,968,245.75			$8,968,245.75

E—HARLEM GAS-LIGHT COMPANY.

Resume.

Dr.			*Cr.*		
To total cost of gas	$6,020,134 82		By gross income from gas	$8,950,715 22	
interest	183,648 73		interest	14,710 81	
sundries	145,967 86		sundries	1,643 49	
		$6,349,751 41			$8,967,069 52
depreciation		288,353 59	appreciation		1,176 23
dividends		2,329,917 25			
balance		223 50			
		$8,968,245 75			$8,968,245 75

E—HARLEM GAS-LIGHT COMPANY.

Dr. *Particulars of sale to Consolidated Gas-Light Company, November 11, 1884.* *Cr.*

Particulars.	State of account prior to Cr. of appreciation.	Amount of appreciation.	Sold for.	Particulars.		Amount.
To real estate	$158,899.81	$445,100.19	$604,000.00	By cash of contra. acct. of returns Nov. 11 and 12, and sundry pay rolls	.....	$5,244.41
To buildings, retorts, bulkhead and plant	557,418.10	370,917.16	928,335.26	By interest	.....	283.79
To mains and services	403,773.75	442,366.07	846,139.82	By liabilities assumed:		
To meters	123,895.31	*2,649.44	121,245.87	interest on bonds	$326.03	
To customers	76,617.91	.....	76,617.91	interest on deposits	2,292.20	
To franchise, rights and privileges	.....	469,082.54	469,082.54	balance of deposits	22,922.00	
To office building	.....	50,000.00	50,000.00	balance of cancelled deposits	740.00	
To office furniture	.....	5,000.00	5,000.00	taxes 1884, city	28,170.63	
To laboratory	.....	2,000.00	2,000.00	taxes 1884, State	2,850.00	
To coal	45,270.84	.....	45,270.84	due to T. F. Rowland	28,795.00	
To tools	1,600.21	.....	1,600.21			86,095.86
To stationery	500.00	.....	500.00			
To stores and materials	5,935.42	.....	5,935.42			
To water rates	84.53	.....	84.53			
To coke	1,795.00	.....	1,795.00	By 49th dividend	.....	32,000.00
To gas on hand	787.17	.....	787.17	By State tax on dividend	.....	800.00
To lighting and setting lamps, Nov. 1 to 10	3,731.67	.....	3,731.67	By stock purchases to equalize	.....	60.00
To cash:				By cash:		
advance of contra	5,244.41	.....	5,244.41	payment on account	.....	44,221.87
transf. of cash assets	1,335.28	.....	1,335.28	Consolidated Gas Co. stock	.....	3,000,000.00
		$1,784,465.96				$3,168,705.93
*Less depreciation		2,649.44				
	$1,386,889.41	$1,811,816.52	$3,168,705.93			

E—HARLEM GAS-LIGHT COMPANY.

Capital Investments.

Year.	Real estate.	Mains and service pipes.	Meters.	Buildings and retorts, general construction new stables.	Totals.
1855	$63,000 00	.....	.....	.....	$63,000 00
1856	.....	.....	.....	$15,637 22	15,637 22
1857	410 00	$9,329 31	$881 21	136,596 20	147,216 72
1858	1,000 00	36,122 70	1,127 25	8,113 42	46,363 37
1859	2,562 50	18,520 58	2,380 16	10,118 72	33,581 96
1860	.....	15,904 21	1,585 40	12,284 02	29,773 63
1861	.....	8,797 72	4,826 68	57,838 34	71,462 74
1862	.....	6,364 93	2,770 66	7,673 34	16,808 93
1863	2,041 25	8,614 61	2,333 17	8,645 73	21,634 76
1864	.....	5,233 23	3,226 87	7,239 34	15,699 44
1865	.....	8,537 62	3,189 13	8,722 47	20,449 22
1866	4,200 00	24,170 96	3,936 98	3,420 21	35,728 15
1867	3,440 00	19,430 49	5,209 55	17,560 24	45,640 28
1868	23,096 06	23,154 61	3,688 36	17,230 19	67,169 22
1869	5,650 00	13,274 40	4,514 21	18,401 72	41,840 33
1870	7,500 00	18,235 37	4,089 67	39,582 95	69,407 99
1871	27,000 00	24,701 05	4,445 85	91,979 65	148,126 55
1872	.....	56,060 63	4,009 04	15,650 64	75,720 31
1873	9,000 00	9,629 14	3,278 03	22,938 72	44,836 89
1874	.....	14,823 17	1,869 06	37,715 51	54,407 74

8—HARLEM GAS-LIGHT COMPANY.
Capital Investments—(Continued).

Year.	Real estate.	Mains and service pipes.	Meters.	Buildings and retorts, general construction new stables.	Totals.
1875	.....	$15,832 28	$1,594 15	$190 94	$17,617 37
1876	$7,120 00	4,391 81	1,103 48	5,764 90	18,380 19
1877	2,880 00	2,489 14	603 56	1,580 39	7,553 09
1878	.....	3,896 06	1,980 00	22 65	5,898 71
1879	.....	3,377 32	6,627 77	56 26	10,061 35
1880	.....	10,855 76	6,149 14	1,264 13	18,269 03
1881	.....	4,876 91	13,353 37	24 52	18,254 80
1882	.....	10,821 32	10,995 02	7,566 80	29,383 14
1883	.....	10,902 78	.....	27 38	10,930 16
1884, to Nov. 10	.....	15,434 64	24,127 54	15,648 97	55,211 15
		Recapitulation.			
1855	$63,000 00	.....	.....	.....	$63,000 00
1860	3,972 50	$79,876 80	$5,794 02	$182,749 58	272,572 90
1865	2,041 25	37,548 11	16,346 51	90,119 22	146,055 09
1870	43,886 06	98,265 83	21,438 77	96,195 31	259,785 97
1875	36,000 00	121,037 27	15,196 13	168,475 46	340,708 86
1880	10,000 00	25,010 09	16,463 95	8,688 33	60,162 37
1884, to Nov. 10	.....	42,035 65	48,475 93	23,267 07	113,779 25
	$158,899 81	$403,773 75	$123,895 31	$569,495 57	$1,256,064 44

E—HARLEM GAS-LIGHT COMPANY.

Current Capital Account and Surplus Profits.

Year ending December 31.	Description.	Amount.	Total capital.	Average capital for five years.
1856	Capital	$85,000 00		
	Profit and loss	.....	$85,000 00	
1857	Capital	243,725 00		
	Profit and loss	10,356 84	254,081 84	
1858	Capital	299,550 00		
	Profit and loss	15,666 09	315,216 09	
1859	Capital	300,000 00		
	Profit and loss	29,781 78	329,781 78	
1860	Capital	347,900 00		
	Profit and loss	45,264 00	393,164 00	
1861	Capital	347,900 00		
	Profit and loss	60,146 88	408,046 88	
			$1,785,290 59	*$297,548 43
1862	Capital	$395,500 00		
	Profit and loss	78,195 40	$473,695 40	
1863	Capital	400,000 00		
	Profit and loss Dr.	5,634 36	394,365 64	
1864	Capital	600,000 00		
	Profit and loss Dr.	1,398 89	598,601 11	
1865	Capital	600,000 00		
	Profit and loss	39,723 31	639,723 31	
1866	Capital	999,750 00		
	Profit and loss Dr.	81,734 90	918,015 10	
			$3,024,400 59	$604,880 11

E—HARLEM GAS-LIGHT COMPANY.

			$3,024,400 59		$604,880 11

M—HARLEM GASLIGHT COMPANY.

Current Capital Account and Surplus Profits—(Continued).

Year ending December 31.	Description.	Amount.	Total capital.	Average capital for five years.
1867	Capital	1,000,000 00		
	Profit and loss.....Dr.	54,573 43	$945,426 57	
1868	Capital	1,000,000 00		
	Profit and loss	62,465 01	1,062,465 01	
1869	Capital	1,250,000 00		
	Profit and loss.....Dr.	33,982 36	1,216,017 64	
1870	Capital	1,250,000 00		
	Profit and loss.....Dr.	105,622 07	1,144,377 93	
1871	Capital	1,500,000 00		
	Profit and loss.....Dr.	37,917 77	1,462,082 23	
			$5,830,369 38	$1,166,073 87
1872	Capital	1,799,600 00		
	Profit and loss.....Dr.	174,783 27	$1,624,816 73	
1873	Capital	1,800,000 00		
	Profit and loss.....Dr.	44,349 10	1,755,650 90	
1874	Capital	1,800,000 00		
	Profit and loss	11,580 87	1,811,580 87	
1875	Capital	1,800,000 00		
	Profit and loss	6,429 39	1,806,429 39	
1876	Capital	1,950,000 00		
	Profit and loss	13,677 98	1,963,677 98	
			$8,962,155 87	$1,792,431 17

E—HARLEM GAS-LIGHT COMPANY.

Current Capital Account and Sundry Profits—(Continued).

Year ending December 31.	Description.	Amount.	Total capital.	Average capital for five years.
1877	Capital	$1,950,000 00		
	Profit and loss	93 53	$1,950,093 53	
1878	Capital	1,950,000 00		
	Profit and loss	2,203 13	1,952,203 13	
1879	Capital	1,970,000 00		
	Profit and loss	55,962 20	2,025,962 20	
1880	Capital	1,970,000 00		
	Profit and loss	87,992 00	2,057,992 00	
1881	Capital	1,970,000 00		
	Profit and loss	191,978 55	2,161,978 55	
			$10,148,229 41	$2,029,645 88
1882	Capital	$1,970,000 00		
	Profit and loss	74,861 31	$2,044,861 31	
1883	Capital	1,970,000 00		
	Profit and loss	89,831 45	2,059,831 45	
To November 10, 1884	Capital	2,170,000 00		
	Profit and loss	223 50	2,170,223 50	
			$6,274,916 26	$2,193,174 62

E—HARLEM GAS-LIGHT COMPANY.
Dividend Account.

Year.	Increase of capital.	Total capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at 10 per cent on paid-up capital.	Amount in excess of 10 per cent.	Deficiency below 10 per cent.
1856	$85,000 00	$85,000.00	.....	.....	$8,500.00	.....	$8,500.00
1857	* 158,725 00	243,725.00	.....	.....	24,372.50	.....	24,372.50
1858	† 55,825 00	299,550.00	$18,057.75	6.03	29,955.00	.....	11,897.25
1859	450 00	300,000.00	21,000.00	7	30,000.00	.....	9,000.00
1860	47,900 00	347,900.00	22,676.50	6.52	34,790.00	.....	12,113.50
1861	.....	347,900.00	24,353.00	7	34,790.00	.....	10,437.00
1862	47,600 00	395,500.00	27,842.50	7.05	39,885.00	.....	12,042.50
1863	4,590 00	400,000.00	28,000.00	7	40,000.00	.....	12,000.00
1864	‡ 200,000 00	600,000.00	‡115,000.00	19.17	60,000.00	$55,000.00	.....
1865	.....	600,000.00	42,000.00	7	60,000.00	.....	18,000.00
1866	§ 399,750 00	999,750.00	137,987.50	15.80	99,975.00	58,012.50	.....
1867	250 00	1,000,000.00	100,000.00	10	100,000.00	.....	.....
1868	.....	1,000,000.00	100,000.00	10	100,000.00	.....	.....
1869	250,000 00	1,250,000.00	175,000.00	14	125,000.00	50,000.00	.....
1870	.....	1,250,000.00	125,000.00	10	125,000.00	.....	.....
1871	250,000 00	1,500,060.00	150,000.00	10	150,000.00	.....	.....
1872	299,600 00	1,799,609.00	222,000.00	12.33	179,960.00	42,040.00	.....
1873	400 00	1,800,000.00	144,000.00	8	180,000.00	.....	36,000.00
1874	.....	1,800,000.00	144,000.00	8	180,000.00	.....	36,000.00
1875	.....	1,800,000.00	144,000.00	8	180,000.00	.....	36,000.00
1876	.....	1,800,000.00	144,000.00	8	180,000.00	.....	36,000.00
1877	.....	1,800,000.00	117,000.00	6.5	180,000.00	.....	63,000.00
1878	.....	1,800,000.00	.....	.....	180,000.00	.....	180,000.00
1879	.....	1,800,000.00	.....	.....	180,000.00	.....	180,000.00
1880	.....	1,800,000.00	.....	.....	180,000.00	.....	180,000.00
1881	.....	1,800,000.00	.....	.....	180,000.00	.....	180,000.00

* Includes $125,000 on account of construction.
† Includes $25,950 on account of construction.
‡ $80,000 scrip, fully paid.
§ $200,000 on account of appreciation estimated upon plant and issued as per resolution of board.

E—HARLEM GAS-LIGHT COMPANY.

Dividend Account.—(Continued)

Year.	Increase of capital.	Total capital paid up.	Dividends paid.	Rate per cent per annum.	Amount at 10 per cent on paid-up capital.	Amount in excess of 10 per cent.	Deficiency below 10 per cent.
1882	.....	$1,800,000.00	$108,000.00	6	$180,000.00	.....	72,000.00
1883	.....	1,800,000.00	108,000.00	6	180,000.00	.....	72,000.00
1884, Nov. 10	200,000 00	2,000,000.00	92,000.00	3.96	200,000.00	.....	108,000.00
	$2,000 000 00	.....	.....	.....	$3,422,227.50	.....	$1,297,362.75
Less dividends paid	.....	.....	.....	.....	2,329,917.25	.....	.....
Less amount in excess of 10 per cent per annum	.....	.....	.....	.....	.....	.....	205,052.50
Net deficiency below 10 per cent per annum on paid-up capital	.....	.....	.....	.....	$1,092,310.25	.....	$1,092,310.25

Dr. F—NEW YORK MUTUAL GAS-LIGHT COMPANY. *Cr.*

Balance Sheet December 31st, 1884.

To capital account:			By cash at bank	$26,561.17	
Capital stock issued		$3,500,000.00	By cash in hand	38.85	
To first mortgage bonds:					$26,600.02
Balance unredeemed		1,296,000.00	By United States bonds	$993,984.17	
To dividends:			By Mutual Gas-Light Co.'s stock	14,626.42	
Dividend payable in January, 1885		87,500.00			1,008,610.59
To coupon account:			By stock on hand (general)	$2,761.53	
Accrued interest		12,960.00	By coal, coke, wood, etc	8,635.51	
To sundry creditors	$12,540.69		By naptha	8,741.99	
For deposits	55,225.00		By commercial gas	1,129.58	
For taxes	8,750.00				21,268.61
		76,515.69	By consumers' accounts	$143,158.21	
To National Park Bank		181,831.46	By sundry debtors	15,000.84	
Surplus.					158,159.05
To profit and loss account, 1872 to 1883 (both inclusive)	$2,620,033.36		By real estate		882,550.00
For the year 1884	509,675.04		By construction	$4,189,016.66	
		3,129,708.40	By mains and services	1,288,854.09	
			By buildings, premises and plant	543,202.83	
			By meters	152,808.59	
			By wells	704.19	
			By tools	12,575.67	
			By badges	165.25	
					6,187,327.28
		$8,284,515.55			$8,284,515.55

F—NEW YORK MUTUAL GAS-LIGHT COMPANY.

Dr. *Analysis of Profit and Loss Accounts, from 1872 to 1884, both inclusive.* *Cr.*

Year ending.	*General expenses.	Taxes, bad debts, interest and sundries.	Depreciation written off.	Dividends.	Totals.	Net income from gas, storage, rent, wharfage and sundries.	Appreciation written up	Totals.
1874, Jan. 1	$189,404.04	$363,565.30	†$151,500.00	.....	$704,469.34	$705,474.64	.....	$705,474.64
1875, Jan. 1	8,856.25	168,078.11	6,249.70	$125,000.00	308,184.06	621,310.01	.....	621,310.01
1876, Jan. 1	3,509.43	196,990.05	1,148.47	500,000.00	701,647.95	777,026.15	.....	777,026.15
1877, Jan. 1	.....	‡ 212,405.32	338,735.02	500,000.00	1,051,140.34	775,359.77	$310,061.26	1,085,421.03
1878, Jan. 1	.....	188,448.53	16,817.34	500,000.00	705,265.87	753,562.04	.....	753,562.04
1879, Jan. 1	.....	§ 250,771.84	3,046.38	300,000.00	553,818.22	807,026.24	13,419.39	820,445.63
1880, Jan. 1	.....	‖ 190,580.10	.....	150,000.00	340,580.10	642,323.94	.....	642,323.94
1881, Jan. 1	.....	** 180,938.75	7,978.15	225,000.00	413,916.90	679,464.09	.....	679,464.09
1882, Jan. 1	.....	157,429.40	††25,000.00	300,000.00	482,429.40	948,121.62	.....	948,121.62
1883, Jan. 1	.....	147,273.41	.....	312,500.00	459,773.41	915,914.97	.....	915,914.97
1884, Jan. 1	.....	196,592.62	.....	350,000.00	546,592.62	938,787.45	.....	938,787.45
1885, Jan. 1	.....	206,275.22	.....	350,000.00	556,275.22	1,065,950.26	.....	1,065,950.26
	$201,769.72	$2,459,348.65	$550,475.06	$3,612,500.00	$6,824,093.43	$9,630,321.18	$323,480.65	$9,953,801.83
		Balance			3,129,708.40			
					$9,953,801.83			$9,953,801.83

*The figures in this column represent items of outlay paid in former years prior to sale of gas, and admit of no further analysis.

†Sundry patents written off.

‡Includes $2,158 balance of sale of Columbia bonds, and $7,601.69 naphtha leak.

§Includes $42,553 balance of sale of United States bonds.

‖Includes $5,492.92 coal.

**Includes $9,506.10 coal.

††$25,000 Wilkinson's patent written off.

Resume.

Dr.			*Cr.*		
General expenses		$201,769 72	Net income from gas	$9,474,713 36	
Taxes	$683,019 72		Storage, wharfage and pier rents	59,882 97	
Bad and doubtful debts	111,416 06		Sundries	95,724 85	
Interest	1,001,622 60				$9,630,321 18
Company's consumption, allowance, etc.	501,906 71		Appreciation written up		323,480 65
Sundries	161,383 56				$9,953,801 83
		2,459,348 65			
Depreciation written off		550,475 06			
Dividends		3,612,500 00			
Balance		3,129,708 40			
		$9,953,801 83			

F—NEW YORK MUTUAL GAS-LIGHT COMPANY.

Real Estate Investments.

Year Ending	Vanderbilt Estate	Novelty Estate No. 1	Novelty Estate No. 2	Total
1871, December 31	$200,000 00	$185,000 00	.....	$385,000 00
1872, December 31	100,000 00	.....	.....	100,000 00
1874, December 31	.....	240,000 00	$57,500 00	297,500 00
1876, December 31	.....	.....	50 00	50 00
1877, December 31	.....	.....	100,000 00	100,000 00
	$300,000 00	$425,000 00	$157,550 00	$882,550 00

F—NEW YORK MUTUAL GAS-LIGHT COMPANY.

Investments other than Real Estate.

Date.	General	Buildings, premises and plant.	Mains, services, materials.	Meters.	Wells.	Wages.	Totals.
1872, January 1.....	$2,590,856.61	$3,357,257.39	$1,698,670.00	.....	.....	.....	$4,646,784.00
1873, year ending January 1.....	33,711.62	4,901.19	428,407.31	$41,952.54	.....	$133,535.90	642,508.56
1874, January 1.....	259,130.21	268,843.45	192,317.12	31,791.22	.....	67,180.09	819,262.09
1875, January 1.....	15,461.36	3,949.76	15,016.77	16,963.15	.....	26,693.99	78,085.03
1876, January 1.....	250.29	193.97	42,712.52	24,381.64	.....	47,344.27	114,882.69
	$2,899,410.09	$635,145.76	$2,377,123.72	$115,088.55	.....	$274,754.25	$6,301,522.37
Less cash instalments on stock,.....	.....	.....	.....	.....	.....	.....	769,830.00
							$5,531,692.37
1877, January 1.....	$2,173.26	$189,241.63	$27,544.06	$12,154.23	.....	$24,470.48	$255,583.66
1878, January 1.....	19,153.48	37,817.57	20,341.84	10,202.30	.....	35,470.57	122,985.76
1879, January 1.....	18,003.83	11,480.10	46,276.95	12,601.84	.....	38,125.06	126,487.78
1880, January 1.....	3,838.06	5,302.16	12,510.00	653.60	.....	13,609.66	35,913.48
1881, January 1.....	957.96	18,329.16	569.77	.....	$36.87	8,338.34	28,232.10
	$44,126.59	$262,170.62	$107,242.62	$35,611.97	$36.87	$120,014.11	$569,202.78
1882, January 1.....	$5,685.85	$5,012.06	$368.78	.....	$176.62	$4,033.61	$15,276.92
1883, January 1.....	754.18	.....	12,479.79	.....	.....	8,121.96	21,355.93
1884, January 1.....	19,116.27	.....	487.52	$1,754.07	.....	8,638.12	29,995.98
1885, January 1.....	6,390.78	5,168.97	968.52	354.00	.....	6,921.03	19,803.30
	$31,947.08	$10,181.03	$14,304.61	$2,108.07	$176.62	$27,714.72	$86,432.13

F—*Summary.*

Period ending.	General construction.	Buildings, premises and plant.	Mains, services, materials.	Meters.	Wells.	Wages.	Totals.
1876, January 1	$2,899,410.09	$635,145.76	$2,377,123.72	$115,088.55	.....	$274,754.25	$6,301,522.37
1881, January 1	44,126.59	262,170.62	107,242.62	35,611.97	$36.87	120,014.11	569,202.78
1885, January 1	31,947.08	10,181.03	14,304.61	2,108.07	176.62	27,714.72	86,432.13
	$2,975,483.76	$907,497.41	$2,498,670.95	$152,808.59	$213.49	$422,483.08	$6,957,157.28
Less cash instalments on stock	.....	.....	.....	.....	.....	.....	769,830.00
							$6,187,327.28

F—NEW YORK MUTUAL GAS-LIGHT COMPANY.

Dividend Account.

Year ending.	Capital stock issued.	Actual capital paid up issued fully paid up at fifty cents on dollar.	Dividends paid.	Rate per cent per annum on capital issued	*Rate per cent per annum on paid-up capital.	Amount at ten per cent paid-up capital.	Amount in excess of ten per cent.	Deficiency below ten per cent.
1875, January 1	$5,000,000	$2,500,000	$125,000	2½	5	$250,000	.....	$125,000
1876, January 1	5,000,000	2,500,000	500,000	10	20	250,000	$250,000	.....
1877, January 1	5,000,000	2,500,000	500,000	10	20	250,000	250,000	.....
1878, January 1	5,000,000	2,500,000	500,000	10	20	250,000	250,000	.....
1879, January 1	5,000,000	2,500,000	300,000	6	12	250,000	50,000	.....
1880, January 1	5,000,000	2,500,000	150,000	3	6	250,000	.....	100,000
1881, January 1	5,000,000	2,500,000	225,000	4½	9	250,000	.....	25,000
1882, January 1	5,000,000	2,500,000	300,000	6	12	250,000	50,000	.....
1883, January 1	† 3,500,000	1,750,000	312,500 ‡	6	12	187,500	81,250	.....
				10	20	43,750	.....	.....
1884, January 1	3,500,000	1,750,000	350,000	10	20	175,000	175,000	.....
1885, January 1	3,500,000	1,750,000	350,000	10	20	175,000	175,000	.....
Less amount at ten per cent per annum on paid-up capital	.....	.....	$3,612,500 2,581,250	.....	.....	.....	$1,081,250	.....
Less deficiency below ten per cent per annum on paid-up capital	.....	.....	.....	.....	.....	.....	250,000	.....
Net excess of dividends over ten per cent	.....	.....	$1,031,250	.....	.....	.....	$1,031,250	.....

* As the capital was all issued and sold at fifty per cent. discount, the rate per cent. of the dividends paid on actual cash paid up is as per this column.

† $1,500,000 of capital was canceled by the issue of 5-20 bonds bearing six per cent. interest. ‡ Nine months on $5,000,000, three months on $3,500,000.

G—EQUITABLE GAS-LIGHT COMPANY.

Accounts from April 26, 1883, to November 1, 1885.

Capital (created)			$3,000,000 00
stock paid in		$2,337,865 00	
bonds and mortgages		1,400,000 00	
			$3,737,865 00
Investments:			
real estate		$1,073,054 06	
gas works		1,116,127 14	
mains, meters and services		683,132 29	
horses, wagons, tools, implements, office furniture, etc		9,536 61	
patent rights		500,000 00	
			$3,381,850 10
Cash on hand and in bank		$137,139 50	
Materials, etc., on hand		143,916 34	
Due from consumers	$75,569 06		
Less deposits	610 00		
		74,959 06	
			356,014 90
			$3,737,865 00

$3,737,865 00

H—*Summary of the accounts of the constituent companies of the Consolidated Gas-light Company of New York.*

Letters of accounts	Name of Company	Capital at time of consolidation.	Paid in in cash.	Paid in from surplus profits.	Issued for purchase of property.	No. of years in existence.	Dividends paid.	Profit in stock on consolidation, or difference in par value of old and new stock.	Surplus assets.	Total benefits.
A	Manhattan	$4,000,000.00	$3,280,000.00	$720,000.00	.....	54	$26,347,675.66	$7,940,000.00	.....	$34,287,675.66
B	New York	4,000,000.00	750,600.00	3,250,000.00	.....	60	18,484,078.50	3,600,000.00	$87,258.19	22,171,336.69
C	Metropolitan	2,500,000.00	612,700.00	.....	$1,887,300.00	24	7,573,749.36	4,000,000.00	686,988.17	12,260,737.53
D	Municipal	3,000,000.00	2,515,300.00	25,800.00	450,000.00	9	2,806,192.50	3,600,000.00	932,843.63	7,339,036.13
	Knickerbocker			*8,000.00	150,950.00					
E	Harlem	2,000,000.00	1,569,050.00	80,000.00		30	2,529,917.25	830,000.00	.....	3,359,917.25
				†200,000.00						
		$15,500,000.00	$8,727,050.00	$4,284,700.00	$2,488,250.00	....	$57,741,613.27	$19,970,000.00	$1,707,089.99	$79,418,703.26

*Expense account.
†Appreciation or increased valuation of property.

Dividends paid in cash	$53,491,613.27	
Profits, etc., transferred to capital	4,250,000.00	
		$57,741,613.27
Surplus assets divided	.....	1,707,089.99
Stock of Consolidated Company, amount issued to stockholders	$35,470,000.00	
Deduct original stock at par	15,500,000.00	
Profit on stock		19,970,000.00
		$79,418,703.26

H—*Summary of the accounts of the constituent companies of the Consolidated Gas-light Co. of New York*—(Continued).

Name of Company.	Amount paid by Consolidated Company for property.	Cost of property.	Appreciation of profit.	Stock issued by Consolidated Co. in payment of property.	Liabilities assumed by Consolidated Co., bonds, interest, taxes, dividends, &c.	Cash paid by Consolidated Company	Balance due by Consolidated Company unsettled.	Total.	Less assets taken over.	Balance, being amount of purchase money.
Manhattan	$11,966,461.60*	$4,872,999.49	$7,093,462.11	$11,940,000	$590,724.08	$30,016.70	.....	$12,560,740.78	$594,279.18	$11,966,461.60
New York.	7,560,000.00	4,630,642.03	2,929,357.97	7,600,000	131,741.76	108,694.51	$1,000	7,841,436.27	281,436.27	7,560,000.00
Metropolitan	7,175,000.00	5,292,175.35	1,882,824.65	6,500,000	825,763.46	23,753.46	.....	7,349,516.92	174,516.92	7,175,000.00
Municipal	5,100,000.00	4,092,347.86	1,007,652.14		402,410.33					
Knickerbocker	3,000,000.00	810,481.15	2,189,518.85	6,600,000	1,175,271.48					
Harlem	†3,025,803.49	1,243,986.97	1,781,816.52	2,840,000	289,239.65	236,565.72	30,000	8,444,247.53	344,247.53	8,100,000.00
						49,466.28	.....	3,178,705.93	142,902.44	3,025,803.49
									‡10,000.00	
	$37,827,265.09	$20,942,632.85	$16,884,632.24	$35,480,000	$3,415,150.76	$448,496.67	$31,000	$39,374,647.43	$1,547,382.34	$37,827,265.09

*Manhattan—The Consolidated Company assumed liabilities of the Manhattan Company to the amount of $620,740.78 (including cash paid by it), received assets amounting to only $594,279.18, leaving a difference in favor of the Manhattan Company of $26,461.60, which is entered as an additional profit on the transfer of property, &c., over the appraised value of $11,940,000.

†Harlem—The Consolidated Company assumed liabilities of the Harlem Company to the amount of $338,705.93 (including $170,000 bonds and $49,466.28 cash paid by it), and received assets amounting to $312,902.44 only (including $170,000 consolidated stock withheld), leaving a difference of $25,803.49 in favor of the Harlem Company, which is entered as an additional profit on the transfer of the property over the appraised value of $3,-000.

‡Harlem—The amount of stock actually issued by the Consolidated Company was $2,840,000—$10,000 more than the original allotment, for which sum the Consolidated Company received 140 shares of the Harlem Gas-light Company stock.

H—*Summary of the mains of the constituent companies of the Consolidated Gas-light Company of New York.*

Letters of accounts	Name of Company.	1½ inch.	2 inch.	3 inch.	4 inch.	5 inch.	6 inch.	8 inch.	10 inch.	12 inch.	16 inch.	18 inch.	20 inch.	24 inch.	30 inch.	Total number of feet.	Valuation.
		Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet	Feet.	Feet.	Feet.	
A	Manhattan.	....	16,063	416,972	170,831	....	201,664	8,649	16,050	34,221	21,586	18,171	21,644	.....	.....	925,851	$1,083,101.90
B.	New York	308	6,779	126,555	105,147	77,119	157,817	55,172	5,234	45,903	10,758	9,429	28,472	19,290	.....	647,983	945,982.45
C.	Metropolitan	....	8,590	135,659	245,915	....	186,564	81,356	25,162	21,022	.....	2,093	37,510	1,170	50	745,091	970,632.60
D.	Municipal .	1,275	2,844	2,051	19,259	....	189,635	104,405	11,273	46,501	24,557	.....	.....	.....	8,062	409,862	742,844.79
D.	Knickerbocker .	....	....	....	433	....	221,232	50,667	2,809	40,989	23,527	.....	3,353	3,474	14,573	361,057	739,528.27
E.	Harlem ...	....	8,232	164,426	345,173	....	160,568	....	8,360	32,509	1,824	.....	5,380	.....	.....	726,472	720,013.66
		1,583	42,508	845,663	886,758	77,119	1,117,480	300,249	68,888	221,145	82,252	29,693	96,359	23,934	22,685	3,816,316	$5,202,103.67

Total feet of mains, 3,816,316=722 miles 4,156 feet, or say 722¼miles, valued at $5,202,103.67.

DEFENDANT'S EXHIBIT AA. 48.

Extracts from Minutes of Meetings of the Executive Committee of the Consolidated Gas Company of New York Relating to Coal and Oil.

November 5th, 1919.

The foregoing is hereby certified to be a complete and correct excerpt and transcript from the Minutes of the Meetings of the Executive Committee of the Consolidated Gas Company of New York held on the respective dates above shown.

W. R. ADDICKS,
Vice-President.

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on Tuesday, September 9, 1919.

"The officers reported that, under the authorization given by this Committee on April 1, 1919, a purchase had been made from the Pittsburgh Terminal Railroad and Coal Company of 100,000 tons of ¾" Youghiogheny Gas Coal at $3.12½ per net ton at the mine for delivery during the year beginning September 1, 1919, and, on motion, duly seconded, said action was approved and confirmed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on Tuesday, April 8, 1919.

"The officers presented recommendations for the purchase of 300,000 tons of gas-coal and 200,000 tons of anthracite broken during the year beginning April 1, 1919, and, on motion, duly seconded, the officers, in accordance with their recommendations were authorized to make purchase as follows:

	Tonnage:
Westmoreland Coal Co.	100,000
Berwind-White Coal Mining Co.	100,000
Consolidation Coal Co.	100,000

at $2.60 per net ton at the mines plus railroad and water freight and federal taxes;

Lehigh & Wilkesbarre Coal Co.	100,000
Williams and Peters	100,000

of broken coal at $5.85 per gross ton f. o. b. mines plus railroad and water freight and taxes."

* * * * * * * * * * * * *

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 26, 1919.

"On motion, duly seconded, the officers were authorized to modify the contract with the Standard Oil Company of New

Jersey for the supply of enriching oil for the year 1919 so that the Company may obtain such oil for the remainder of the calendar year from April 1st, at 6 cents per gallon at the point of shipment in place of 7½ cents per gallon as now provided for in the said contract."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 4, 1919.

"Mr. Addicks reported that, under the provisions of the contract for the supply of oil in 1919, the cost of oil per gallon, water delivery to the various plants, varies from 7.5721 to 8.0562c. per gallon but that the Standard Oil Company (in accordance with contract provisions) had notified the Company of an advance in the transportation rates effective February 8th, which increases the total cost of the year's supply of oil about $17,000."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 10, 1918.

"Mr. Addicks presented bills for the oil supply for 1919 and, on motion, duly seconded, the making of a contract therefor was left to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 2, 1918.

"The officers reported that they had been offered Gas Coal (Bituminous) for use during the year beginning April 1st, 1918, in quantities as follows:

Berwind-White Coal Mining Co. not exceeding	125,000 tons
Westmoreland Coal Co.	112,000 tons
Consolidation Coal Co.	150,000 tons
Jamison Coal and Coke Co.	100,000 tons

at the Government price of $2,70 per net ton at the mines, to which is added railroad and water freights, insurance and war taxes, and that they could not pruchase Broken (Anthracite) Coal under contract but only from month to month, as allowed by the United States Fuel Administration in allotments approved by it, at the Government price of $4.80 to $4.90 per gross ton at the mines plus railroad and water freights, taxes and insurance.

On motion, duly seconded, the officers were authorized to purchase such Gas and Broken Coal as is required at the price fixed by the United States Fuel Administration, and if

sufficient coal cannot be secured direct from the Producers and it is found necessary to purchase through commission houses, the Officers are hereby authorized to do so, paying the additional amount of 15c. per ton for Bituminous and 20c. for Authracite Coal being the prices fixed by the United States Fuel Administration."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 18, 1917.

"On motion, duly seconded, the price to be paid the Consolidation Coal Company for coal delivered under its present contract, was increased from $3.22½ to $3.729 per gross ton, alongside this Company's docks, to take effect November 1, 1917, the increase in price ($0.504 per gross ton) being in accordance with the order of the President of the United States respecting mining labor."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 11, 1917.

"Mr. Addicks reported that he had executed on behalf of the Company a contract for 122,000,000 gals of gas-oil (being 10,000,000 gals. more than the quantity in the current contract) to be delivered during the year 1918, on the terms reported to the Committee on December 4th. It is provided in the contract that, if any internal or war revenue tax shall be levied by the Federal or any State Government on oil delivered under this contract, such taxes shall be paid by the Gas Company.

On motion, duly seconded, the execution of the said contract was approved, ratified and confirmed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 4, 1917.

"Mr. Addicks reported that he was negotiating a contract for the supply of gas oil required in 1918 and stated that the price quoted was 6½c. per gallon at the refinery with transportation charges and the 3% Government tax thereon added and in case of any increase or decrease in the lighterage rates or the Government tax, the price to be correspondingly adjusted.

On motion, duly seconded, the matter of the gas-oil contract was left to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on November 20, 1917.

"The officers presented a communication from the Pittsburgh Coal Company, stating that, in consideration of a readjustment of its present contract, that Company agrees to guarantee the delivery (strikes and uncontrollable causes excepted) to the Gas Company between November 1, 1917 and March 31, 1920, of 375,000 tons of ¾" screened gas-coal at $4.9685 per gross ton alongside our docks, which price is .274 per gross ton below that fixed by the Government. Should the Government fix a lower price for coal during the term of the new contract, the Gas Company shall receive the benefit thereof, and the Coal Company to extend the term of the contract, in case of interruptions, until full delivery is made of quantity contracted for.

On motion, duly seconded, the officers were authorized to accept the offer of the Pittsburgh Coal Company and execute a modification of the present contract in accordance with the foregoing offer."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on October 23, 1917.

"The officers reported that the U. S. Government had fixed the price of anthracite broken coal at the mines at $4.55 per gross ton and requested authority to purchase coal as may be required under Resolution of April 10, 1917.

On motion, duly seconded, the officers were authorized to purchase coal at the price fixed by the Government plus freight and other cost of delivery."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 10, 1917.

"The officers reported that they had been offered supplies of anthracite coal for the year beginning April 1, 1917, at prevailing monthly prices as follows:

Lehigh & Wilkesbarre Coal Co., 125,000 tons at approximately $5.59 alongside.

Williams & Peters, 150,000 tons at approximately $5.59 alongside.

Under contract from Thorne, Neal & Co., 70,000 tons at approximately $5.58 alongside.

Meeker & Co. (Before Sep. 1), 15,000 tons at approximately $5.75 alongside.

Delaware, Lackawanna & Western Coal Co. (through the Edison Co.), 15,000 tons No. 1 Buckwheat at $3.75 per ton f. o. b. Hoboken, N. J., plus towage charges;

50,000-60,000 tons No. 2 Buckwheat at $3.15 per ton f. o. b. Hoboken, N. J., plus towage charges.

In addition to the foregoing, it was reported that it was desirable to have authority to purchase, to an extent not exceeding 50,000 tons hard coal, at prices not in excess of the foregoing, as may be obtainable from time to time.

On motion, duly seconded, the matter of the purchase of all the foregoing supply of anthracite coal was left to the officers with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 27, 1917.

On motion, duly seconded, the officers were authorized to enter into a contract with the Berwind-White Coal Mining Co. for the purchase of 75,000 tons of 3-4" screened gas-coal at $3.75 per ton f. o. b. mines, plus railroad and water freights, to be delivered in monthly quantities as ordered."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York, held on Tuesday, Nov. 14, 1916.

The officers reported that, having succeeded in obtaining a price for oil of five (5c) per gallon delivered to all plants in the Boroughs of Manhattan, The Bronx and Queens, excepting Flushing, a contract had been signed on November 13, for the calendar year 1917 at that price for the Boroughs mentioned and at the same price with transportation added for Flushing and Westchester County.

On motion duly seconded, the making of the contract as set forth was approved."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company at a meeting held on November 8, 1916.

"The matter of contract for oil for the year 1917 was considered. Mr. Addicks stated that the price of oil would be five cents per gallon at the refinery in place of three cents as at present and that in addition an advance is made for tank boat deliveries varying between .005 cents per gallon to a maximum of .1 cents per gallon.

On motion, duly seconded, the making of a contract for oil was left with the officers, with power."

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Extract from the Minutes of a meeting of the Executive Committee of the Consolidated Gas Company of New York, held on Tuesday, Oct. 31, 1916.

"Mr. Addicks presented the conditions with respect to the supply of oil for gas making for 1917 and, on motion, duly seconded, the consideration of the matter was laid on the table for a period of one week."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York, at a meeting held on August 1, 1916.

"A recommendation was presented for the purchase of broken anthracite coal as follows:
Phila. & Reading Coal & Iron Co., 30,000 tons, and
Lehigh Valley Coal Sales Co., 10,000 tons;
both purchases to be at $4.85 per gross ton f. o. b. shipping port plus water-freight to gas works.

On motion, duly seconded, the officers were authorized to purchase the aforesaid coal as recommended."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on June 13, 1916.

"On motion, duly seconded, the officers were authorized and empowered to purchase through the Edison Company not more than 10,000 tons of No. 1 Buckwheat coal at $3.00 per gross ton and not more than 100,000 tons of boiler fuel at $2.30 per gross ton; all f. o. b. shipping port plus towing charges."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on May 16, 1916.

"The President submitted the estimated requirements of anthracite broken coal to be used during the period ending March 31, 1917, with the recommendation that the total tonnage of 250,000 be apportioned as follows:

	Tonnage.
Lehigh & Wilkesbarre Coal Co.	100,000
Phila. & Reading Coal & Iron Co.	25,000
Williams & Peters, Sales Agents	125,000

at the price of $5.10 per ton alongside our docks with 5c. per ton extra for towing to 138th Street, Harlem River, and Astoria, L. I.

On motion, duly seconded, said proposed awards of contracts were approved at the price stated."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 28th, 1916.

"Mr. L. B. Gawtry reported on the matter of a supply of anthracite broken coal and on motion, duly seconded, the officers were authorized to purchase from the Lehigh & Wilkesbarre Coal Company approximately 70,000 tons at a cost not exceeding $5.30 f. o. b. Tidewater."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on November 23, 1915.

"The President stated that it was deemed advisable to increase our coal purchases, and, therefore, the officers had agreed to buy, subject to the approval of this Committee from Messrs. Pattison & Bowns 15,000 tons of anthracite broken coal at $4.65 per gross ton f. o. b. shipping port plus water transportation to our stations and from the Pittsburgh Terminal Railroad and Coal Co. 75,000 tons of Youghiogheny 3-4" screened gas-coal at $3.37½ per gross ton alongside, deliveries on said purchases to be made during the year beginning December 1, 1915. On motion, duly seconded, the said acts of the officers were approved and confirmed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on September 21, 1915.

"On motion, duly seconded, the officers were authorized to place orders for an additional 25,000 tons of anthracite coal for delivery at same price as in present contracts."

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See page 12½ for extract dated March 23d, 1915.

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 9, 1915.

"On motion, duly seconded, the officers were authorized to enter into contracts for 175,000 tons of anthracite broken coal at $4.75 per gross ton alongside the various plants, as follows:

Lehigh & Wilkesbarre Coal Co	100,000 tons
Lehigh Valley Coal Sales Co	10,000 tons
Williams & Peters	65,000 tons

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 23d, 1915.

"On motion, duly seconded, the officers were authorized to purchase Buckwheat coal requirements at the following prices:
No. 1 at $2.95 per gross ton alongside docks;
No. 2 at $2.45 do do

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held January 12, 1913.

"On motion, duly seconded, the officers were authorized to contract with Williams & Peters for an additional quantity of 20,000 tons of broken anthracite coal at their present contract price of $4.75 per gross ton alongside our various plants; this coal to be delivered prior to April 1, 1915."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on January 5, 1915.

"On motion, duly seconded, it was

RESOLVED, That the officers be, and hereby are, authorized to execute contracts for a supply of gas-coal as follows:

	Term of Contract Years	Tonnage per annum	Price per ton alongside
Pittsburgh Coal Company	5	125,000 to 150,000	$3.37½
Penn Gas Coal Company	3	50,000 to 75,000	$3.35
Westermoreland Coal Company	3	50,000 to 75,000	$3.35
Consolidation Coal Company..	3	100,000 to 150,000	$3.12½
Hite & Raffetto	1	75,000	$3.16
New Central Coal Company....	1	75,000	$3.14½"

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 22, 1914.

"On motion, duly seconded, the purchase of a cargo of about 450 tons of West Virginia gas-coal from the New England Coal and Coke Company *at* $3.05 per gross ton delivered alongside our docks, was authorized."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on November 10, 1914.

"The matter of the proposed purchase of trial cargo of about 800 tons of Virginia Coal from the Stonega Coal and Coke Company at about $3.30 per ton delivered alongside our dock

was presented, and, on motion, duly seconded, the officers were authorized to make such purchase."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on October 6, 1914.

"The officers reported the necessity for the purchase, from time to time, of small cargoes of Buckwheat coal, and, on motion, duly seconded, said purchases were authorized from the New York Edison Company at the following prices:

#1 Buckwheat at $2.95 per gross ton, alongside dock, within lighterage limits;

#2 Buckwheat at $2.45 per gross ton alongside dock, within lighterage limits."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on August 18, 1914.

"Mr. Addicks reported that the 1914 contract provided for oil at five cents per gallon at the point of shipment, that the Standard Oil Company had agreed to cancel this contract as of July 1, 1914, relieving the Gas Company of the necessity of taking about 61,000,000 gallons of oil at this price and writing a new contract from July 1, 1914, for the period of two years and six months, at three cents per gallon at the point of shipment but not exceeding 275,000,000 gallons. This represented a saving of about $1,220,000, representing the difference between three cents and five cents per gallon on 61,000,000 gallons.

On motion, duly seconded, the officers were authorized to execute this new contract and cancel the 1914 contract as of July 1, 1914."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on July 21, 1914.

"On motion, duly seconded, the officers were authorized to purchase a sample cargo of about 500 tons of $3\frac{1}{4}$" gas-coal from the Blaine Coal Company at $3.20 f.o.b. tidewater, plus water freight and insurance."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 24, 1914.

"On motion, duly seconded, the officers were authorized to

award contracts as follows for the coal requirements (not already contracted for) during the year beginning April 1, 1914:

Bituminous Coal:

	Tonnage	Per Ton, alongside:
Penn Coal Company	50,000	$3.33
Westmoreland Coal Company	50,000	3.33
Berwind-White Coal Mining Company	100,000	3.43

Said prices being same as in 1913 contracts.

Anthracite Coal:

Lehigh & Wilkesbarre Coal Co.	80,000	$4.45 f.o.b. Pt. Johnson
Williams & Peters	20,000	4.50 f.o.b. Weehawken

Plus water-freight and the tax recently imposed by Pennsylvania on anthracite coal mined therein, with the understanding that if this contested tax is found to be unconstitutional, this Company shall receive the benefit of such findings."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on July 8th, 1913.

"The President reported that, as authorized by this Committee, the contract with the Standard Oil Co. for 105,000,000 gallons of gas-oil had been duly executed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on June 17, 1913.

"Mr. Addicks reported as to the proposed oil contract at 5 cts. per gallon plus transportation to the various plants of the Company, and, on motion, duly seconded, the officers were authorized to execute the said contract."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 15, 1913.

"Mr. Addicks reported that, in the minutes of this Committee of its meeting of April 1st, 1913, an award of contract for 50,000 tons Pennsylvania gas-coal at $3.33½ should be to the Pittsburgh Terminal R. R. & Coal Co. instead of to the "Davis Coal & Coke Company" as reported.

On motion, duly seconded, the minutes of April 1st, were corrected to read the Pittsburgh Terminal and Railroad Co. in place of the "Davis Coal and Coke Company."

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 1st, 1913.

"The President submitted a memorandum showing an additional quantity of 175,000 tons of gas coal required during the year ending April 1st, 1914, and, on motion, duly seconded, it was

Resolved, That the Officers be and hereby are authorized to make the following additional purchases of gas-coal;

			Per gross ton alongside;
Pennsylvania;			
Westmoreland Coal Co.	25,000 tons	at	$3.35
Penn Gas Coal Co.	25,000 tons	at	$3.35
Pittsburgh Terminal RR. & Coal Co.	50,000 tons	at	$3.33½
West Virginia;			
Hite & Raffeto	50,000 tons	at	$3.22
New Central Coal Co.	25,000 tons	at	$3.19
Total	175,000"		

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 18, 1913.

"On motion, duly seconded, the purchases of the following coal were approved and confirmed:

Ernest Law & Co.—500 tons of ¾" screened West Virginia gas coal at $3.25 per ton alongside;

Blair-Parke Coal & Coke Co.—500 tons of ¾" screened West Virginia gas coal at $3.21 per ton alongside;

B. Nicoll & Co.—500 tons of Pennsylvania gas coal at $3.30 per ton alongside;

B. Nicoll & Co. (second order)—500 tons of Pennsylvania gas coal at $3.38 per ton alongside;

Meeker & Co.—600 tons of egg coal at $4.90 per ton alongside, and the requirements of Buckwheat coal through The New York Edison Company as needed for steam making purposes, at $2.90 per gross ton for No. 1 and $2.40 for No. 2, alongside the various stations."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 25, 1913.

"On motion, duly seconded, it was

Resolved, That the officers are hereby authorized to contract for additional coal requirements for the year beginning April 1, 1913, as follows:

		Per ton alongside our docks
Gas Coal.		
Berwind-White Coal Mining Co	150,000 tons	$3.43
Westmoreland Coal Company.....	50,000 tons	3.35
Penn Gas Coal Company.....	50,000 tons	3.35
Anthracite.		
Lehigh & Wilkesbarre Coal Co.....	80,000 tons	4.65
Williams & Peters.....	75,000 tons	4.65
Lehigh Valley Coal Sales Co.....	10,000 tons	4.65

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on January 28th, 1 13.

"On motion, duly seconded, the officers were authorized to purchase 12,000 tons of gas coal from the Berwind-White Coal Mining Company for delivery before April 1st, 1913, at same price as in present contracts, $3.31 per ton alongside."

* * * * * * * * * * * * *

Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on November 19th, 1912.

"On motion, duly seconded, the officers were authorized to take advantage of the option contained in the contract with the Standard Oil Co., dated January 1, 1911, as follows:

'A further option is given the second party to draw a supply covering the third year's requirements under the prices and terms expressed herein; said option to be exercised on or before December 1st, 1912.'"

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 5, 1912.

"The officers reported that the Company will require 90,000 tons of anthracite broken coal (in addition to 75,000 tons already contracted for) during the year beginning April 1st, 1912, and that they had received bids at $4.45 per gross ton, f. o. b. boats, from the Lehigh and Wilkesbarre Coal Company for 70,000 to 80,000 tons and from the Lehigh Valley Coal Sales Company for 10,000 to 20,000 tons, but that thus far the Delaware, Lackawanna and Western Coal Co. had failed to bid; and the officers recommended that contracts be awarded to the Lehigh and Wilkesbarre Coal Co. for 70,000 tons and to the Lehigh Valley Coal Sales Co. for 10,000 tons, and, that, if the Delaware, Lackawanna and Western R. R. Co. fail to

submit bid, 10,000 tons additional be ordered from the Lehigh & Wilkesbarre Coal Co.

On motion, duly seconded, the officers were authorized to award the foregoing contracts in accordance with their recommendations."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 20th, 1912.

"The officers reported that, in accordance with the authority given them February 13th, they had placed a contract with the Consolidation Coal Company for the purchase of 100,000 tons of $3/4$" screened bituminous West Virginia gas-coal per annum for three years from April 1st, 1912, at $3.12½ per gross ton alongside docks of this Company, with an option to purchase 25,000 tons more each year at same price; and with the Jamison Coal and Coke Company for the purchase of 125,000 tons each year during the same period with an option on 25,000 tons additional each year, at $3.12½ per gross ton alongside docks of this Company.

On motion, duly seconded, the foregoing actions were approved.

On motion, duly seconded, the officers were authorized to enter into a contract with Messrs. Williams & Peters for 75,000 tons of Pittston anthracite broken coal at $4.65 per gross ton alongside docks of this Company; with the Berwind-White Coal Mining Company for 100,000 tons of $3/4$" screened bituminous Pennsylvania gas-coal at $3.31 per gross ton alongside, and with the Westmoreland Coal Company and the Penn Gas Coal Company for a total of 25,000 tons of $3/4$" screened bituminous Pennsylvania gas-coal at $3.30 per ton alongside dock."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 13th, 1912.

"Bids for West Virginia gas coal were submitted, and, on motion, duly seconded, the closing of contract for a period not exceeding three years, was left to the officers with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on January 23d, 1912.

"On motion, duly seconded, the officers were authorized to purchase 30,000 additional tons of anthracite coal delivered

prior to April 1st next, at the present contract price of $4.40 per gross ton alongside docks of the Company."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 5th, 1911.

"Mr. Addicks reported that he had notified the Standard Oil Company that this Company would exercise its option for the extension of the oil contract for the year 1912.

On motion, duly seconded, said action was approved."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on November 14, 1911.

"On motion, duly seconded, the purchase of 3,500 tons of anthracite broken coal for Astoria, was approved."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 14, 1911.

"Bids for the supply of bituminous coal for the year ending March 31, 1912, were submitted, and, on the recommendation of the officers, award of contracts were authorized, as follows:

Pennsylvania Gas Coal:

	Quantity	Price
Berwind-White Mining Co.	75,000 tons	$3.3
Penn Gas Coal Co.	30,000 "	3.3
Westmoreland Coal Co.	30,000 "	3.3
West Virginia Gas Coal:		
Consolidated Coal Co.	100,000 "	3.1
Federal Coal & Coke Co.	25,000 "	3.0
Total	260,000 tons at ave	

age price of $3.197 as compared with $3.206 per ton in present contracts.

Bids were submitted for the supply of anthracite coal for the year beginning April 1st, 1911, and, on motion, duly seconded, award of contracts in accordance with the recommendation of the officers, were authorized as follows:

	Tonnage	Price per ton alongside
Lehigh Valley Coal Co.	20,000	$4.37
Lehigh & Wilkesbarre Coal Co.	110,000	4.37–4.38
Delaware, Lackawanna & Western RR. Co.	10,000	4.40
Williams & Peters.	50,000	4.40
Total.	190,000	at an average price of $4.38 being the same price as in present contracts."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on January 10th, 1911.

"The officers reported that they had purchased for immediate delivery an additional 25,000 tons of 3-4" screened gas-coal from the Pittsburgh Coal Company at the same price and on the same terms as provided in the existing contract; this purchase being in addition to 25,000 tons heretofore ordered from the same Company and under the same conditions to be shipped in regular monthly installments.

On motion, duly seconded, the action of the officers was approved and confirmed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 8th, 1910.

"The officers reported that, in accordance with the authority given them by the Executive Committee, they had made contracts for coal as follows:

Anthracite

	Tonnage	
Lehigh Valley Coal Co.	20,000	
Lehigh Coal & Navigation Co.	5,000	
Lehigh & Wilkesbarre Coal Co.	130,000	
Delaware, Lackawanna & West. R. R. Co.	10,000	
Phila. & Reading Coal & Iron Co.	20,000	185,000

Bituminous

Berwind-White Coal Mining Co.	100,000	
Penn Gas Coal Co.	25,000	
Westmoreland Coal Co.	25,000	
Consolidation Coal Co.	200,000	
New Central Coal Co.	20,000	
Federal Coal Co.	20,000	390,000

On motion, duly seconded, the action of the officers were approved, ratified and confirmed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 23d, 1910.

"The officers presented eleven bids for 3-4" screened gas coal for the period of one year beginning April 1st, 1910, and recommended the purchase of 395,000 tons at prices, in quantities and from bidders as follows:

Pennsylvania Coal:

	Tonnage	Prices alongside docks of company per long ton:
Berwind White Coal Mining Co.	100,000	$3.25
Penn Gas Coal Co.	25,000	3.25
Westmoreland Coal Co.	25,000	3.25
West Virginia Coal:		
Consolidation Coal Co.	200,000	$3.15
New Central Coal Co.	20,000	3.09
Federal Coal Co.	25,000	3.07

The average price this year being 0.67c per ton higher than last.

On motion, duly seconded, the awarding of contracts for the foregoing supply of coal was referred to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 15, 1910.

"Bids were received for the supply of anthracite coal as follows:

	Price alongside per gross ton;	Quantity offered
Lehigh Valley Coal Co.	$4.37	25,000 tons
Lehigh Coal & Navigation Co.	$4.37–4.40	20,000 "
Lehigh & Wilkesbarre Coal Co.	$4.37–4.38	150,000 "
Delaware, Lackawanna & Western RR. Co.	$4.40	10,000 "
Phila. & Reading Coal & Iron Co.	4.30	100,000 "

The officers reported the estimated requirements for the year at 185,000 tons.

On motion, duly seconded, the making of contracts for said coal was referred to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 28th, 1909.

"The President reported on the proposed contract for a period not exceeding five years for 100,000 tons of Pennsylvania gas-coal, with an option on an additional quantity not exceeding 50,000 tons, and, on motion, duly seconded, the matter of said contract was referred to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 21st, 1909.

"The President presented to the Committee the matter of a Pennsylvania gas-coal contract from April 1st, 1910. After discussion, and, on motion, duly seconded, the President was requested to submit proposals for one year and for longer periods not exceeding five years.

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 30th, 1909.

(Out of sequence)

"The President submitted bids for the supply of bituminous coal needed for the year beginning April 1st, 1909, which showed an average saving of 14c. per ton or $66,800, as compared with last year's prices.

On motion, duly seconded, the awarding of contracts for said coal was referred to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 27th, 1909.

"The Chairman reported that, as authorized Mar. 10, 1909, the officers had placed bids for anthracite coal as follows:—

	Per gross ton alongside
Lehigh & Wilkesbarre Coal Co..	90,000 tons at $4.37– 4.38
Lehigh Valley Coal Co.....	10,000 tons at $4.37
Phila. & Reading Coal & Iron Co.	30,000 tons at $4.38
Delaware, Lackawanna & Western R. R. Co.....	10,000 tons at $4.40
Lehigh Coal & Navigation Co...	10,000 tons at $4.37–$4.40

As authorized March 30th, 1909, awards for bituminous coal were placed as follows;—

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 9th, 1909.

"Bids for the supply of anthracite coal for the year beginning April 1st, 1909, were presented, and, on motion, duly seconded, referred to the officers with power, with the suggestion that, if possible, a clause be inserted in contracts to the effect that in the event of any reduction in the market price during the term of the contracts, this Company should receive the benefit thereof."

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	Per gross ton alongside
Berwind-White Coal Mining Co.	75,000 tons at $3.25
Pittsburgh Coal Co.	125,000 tons at 3.25
Westmoreland Coal Co.	25,000 tons at 3.25
Penn Gas Coal Co.	25,000 tons at 3.25
Maryland Coal Co.	10,000 tons at 2.93
Fairmont Coal Co.	65,000 tons at 3.10"

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on January 19, 1909.

"The officers stated that it would be advisable to purchase 25,000 tons of anthracite coal in addition to contract quantities for delivery during the months of January, February and March, and reported that this could be purchased at $4.20 per ton f. o. b., our present contract price.

On motion, the officers were authorized to make such purchase."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on September 15, 1908.

"The officers presented a proposal from Messrs. J. K. Dimmick & Company, General Sales Agents of the Georges Creek Coal & Iron Company of Baltimore, offering to supply this Company with 125,000 to 150,000 tons annually of 3-4" screened Farmington coal for a period of three (3) years, from April 1, 1909, at the price of $1.10 per gross ton at the mines, which, at the present rate of freight, is equivalent to $3.10 alongside the docks of the Company, or 10c. a ton lower than the present contract price for this coal.

On motion, duly seconded, it was

Resolved, That the officers hereby are authorized to accept said proposal to the extent of 125,000 tons per annum for three (3) years, providing the sellers agree that if they contract with

any other gas company at a price less than $1.10 at the mines, they shall give the Consolidated Gas Co. of New York the advantage of such reduction during the term of the contract for the coal sold at the reduced price."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 24th, 1908.

"The officers reported that they were unable to make contracts for coal with the provision that, in case of a reduction in the price of coal during the period of the contracts, this Company should receive the benefit thereof, the contractors taking the position that they should be allowed the increase if an advance in coal prices should take place; and, upon motion, duly seconded, it was

Resolved, that the officers be authorized to execute the coal contracts at the bid prices without insisting upon the benefit provision in case of a decrease in coal prices during contract period."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 17th, 1908.

"Bids for the supply of anthracite and bituminous coal required during the year beginning April 1st, 1908, were received, and award of contracts recommended by the engineers as follows:—

Anthracite:

Bidder;	Coal;	Price alongside; per gro. ton	Contract quantity recommended; tons;
Del. L. & W. RR. Co.	Scranton	$4.40	5,000
Lehigh Coal & Nav. Company	Old Co's.	4.40 (Ravenswood) / 4.37 (Manhattan)	5,000
F. A. Potts & Co.	Old Co's.	No bid	
Lehigh Valley Coal Co.	Beaver Meadow	4.40	10,000
	Cross Creek	4.55	.....
Parrish, Phillips & Co.	Old Co's.	4.40•	.....
Phila. & Reading Coal & Iron Co.	Glendon	4.38	20,000
Lehigh & Wilkesbarre Coal Co.	Wilkesbarre	4.37–4.38	60,000

Bituminous
Pennsylvania:

Bidder:	Coal:	Price alongside; per gro. ton	Contract quantity recommended; tons:
Pittsburgh Coal Co.	Youghiogheny	3.46	115,000
Westmoreland Coal Co.	Westmoreland	3.35	75,000
Penn Gas Coal Co.	Penn	3.35	25,000
Berwind-White Coal Co.	Ocean-Westmoreland	3.40	115,000
	West Virginia:		
Madeira, Hill & Co.	Waldo	3.10	15,000
Buckholz & Morrell	Stafford	3.23	30,000
Weaver & Co.	Rosemont	3.15	15,000
Smokeless Fuel Co.		No bid	
Heilner & Son	Pittsburgh Vein	$3.24	
	Youghiogheny	$3.45	
Dimmick & Co.	Farmington	$3.20	65,000
Fairmont Coal Co.	Fairmont	$3.22	75,000
Hutchinson-McCandlish Co.	Hutchinson-Fairmont	$3.08	20,000
Maryland Coal Co.	Wendell	$3.08	20,000

* Note. Ravenswood $11. extra each cargo.

On motion, duly seconded, it was

Resolved, that award of contracts for the supply of hard and soft coal be made at the prices stated and as recommended, with the understanding, however, that, should there be any reduction in the price of coal during the contract period, this Company shall receive the benefit thereof."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on November 12, 1907.

"The officers reported that a further quantity of anthracite coal would be required for manufacturing purposes for the remainder of the contract year as coal was already being drawn from storage.

On motion, duly seconded, the officers were authorized to purchase from the present contractors an additional 40,000 tons of broken coal at $4.40 per gross ton alongside."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 2, 1907.

"The officers reported that, in accordance with the authority given them by this Committee at its meeting of March 26th, they had placed contracts for gas-coal to be delivered during the year from April 1, 1907 to April 1, 1908, as follows:—

Pennsylvania Coal Co.	Tonnage:	Per gross ton alongside:
Pittsburgh Coal Co.	150,000	$3.45
Penn Gas Coal Co.	35,000	3.35
Westmoreland Coal Co.	35,000	3.35
Berwind-White Coal Co.	80,000	3.40
West Virginia Coal:		
J. K. Dimmick & Co.	20,000	3.09
Maryland Coal Co.	5,000	3.09
Fairmont Coal Co.	50,000	3.19
Buckholtz & Morrell.	15,000	3.18*
Madeira, Hill & Co.	5,000	3.15
Weaver & Co.	5,000	3.15

These prices make a total net reduction of $18,900 from the bids submitted at the last meeting of this Committee.

On motion, duly seconded, the said action of the officers was approved, ratified and confirmed."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 26th, 1907.

"Mr. Addicks reported that, in accordance with the authority given them by this Committee, the officers had awarded contracts at $1.40 per ton for the supply of anthracite coal needed for the year beginning April 1, 1907, as follows:—

Lehigh Valley Coal Co.	25,000	tons Beaver Meadow;
D. L. & W. Railroad Co.	5,000	tons Scranton,
Lehigh & Wilkesbarre Coal Co.	90,000	tons, Wilkesbarre,
Philadel. Reading Coal & Iron Co.	10,000	tons, Glendon,
Total.	130,000	tons.

On motion, duly seconded, the said action of the officers was approved, ratified and confirmed.

Bids for the supply of bituminous coal for one year from April 1, 1907 were submitted as follows:—

Pennsylvania Coal	Tonnage	Price per ton alongside docks of the Company
Pittsburgh Coal Co.	150,000	$3.50
Penn Gas Coal Co.	50,000	3.43
Westmoreland Coal Co.	50,000	3.41

*$3.18 for April deliveries; $3.23 for remainder of contract.

	Tonnage	Price per ton alongside docks of the Company	
Pennsylvania Coal			
Berwind-White Coal Mining Co.	150,000	3.40	
Percy Heilner & Sons	50,000	3.33	
Keystone Coal Co	50,000	3.35	
Skeele Coal Co	50,000	3.47	
United Coal Co.*	100,000	3.28	
West Virginia Coal:			
Maryland Coal Co	10,000	3.09	
Buckholtz & Morrell	25,000	3.20	(Stafford)
do	25,000	3.15	(W. Va.)
Madeira, Hill & Co	50,000	3.15	
Dimmick & Co	20,000	3.15	(Farmington; expires Apl. 2/1907.
Fairmont Coal Co	125,000	3.29	
Weaver & Co	50,000	3.15	

Mr. Addicks reported that these prices showed an advance of about 25¢ per ton over those for the year ending March 31, 1906.

On motion, duly seconded, the award of contracts for the supply of gas coal during the year beginning April 1, 1907, was left to the officers, with power."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 12, 1907.

"The Vice President reported that the price of anthracite coal would be $4.20 f. o. b., which is the same price as ruled for last year.

On motion, duly seconded, the officers were authorized, in their discretion, to enter into contracts for anthracite coal for the ensuing year."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company at a meeting held on Feb. 19th, 1907.

"The Vice-President reported that, owing to the shortage of gas-coal, it had been found advisable to greatly decrease the quantity of gas manufactured at the 14th and 42nd Street Stations, and stated that he had purchased from Messrs. Buckholtz and Morrell a cargo of about 600 tons of Run of Mine Pennsylvania, gas-coal at $3.10 alongside, which purchase was, on motion, approved."

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* Note—The United Coal Co. withdrew its bid of 100,000 tons at $3.28.

Extract from the Minutes of the Executive Committee of the Consolidated Gas Company at a meeting held on Feb. 13th, 1907.

"The officers reported that because of delay in deliveries under present contracts, they had deemed it wise to purchase,

2000 tons ¾" screened gas coal @	.....	$3.15	alongside;
1000 tons ¾" do	.....	3.35	do
300 tons Run of Mine do	.....	3.15	do
1000 tons ¾" screened W. Virginia	.....	3.10	do
500 tons Youghiogheny coal	.....	3.30	do

On motion, duly seconded, the said action was approved."

Extract from the Minutes of the Executive Committee of the Consolidated Gas Company at a meeting held on August 7th, 1906.

"The Committee consisting of Messrs. Brady and Sterling, reported the placing of gas coal contracts for delivery at the various manufacturing stations in Manhattan, the Bronx and at Astoria for the eight months ending March 31st, 1907, as follows:

	Gross tons.		
Pittsburgh Coal Co.	150,000 at	3.25	$487,500.00
Westmoreland Coal Co.	15,000	3.16	47,400.00
Berwind-White Coal Ming. Co.	85,000	3.15	267,750.00
Fairmont Coal Co.	10,000	3.07	30,700.00
Dimmick & Company	40,000	2.98	119,200.00
Maryland Coal Co.	25,000	2.68	67,000.00
Total	325,000		$1,019,550.00

Average price $3.13 delivered alongside the docks of the Company.

Coal from Pennsylvania	250,000 tons
Coal from West Virginia	775,000 tons
Shipments over the B. & O. Railway	200,000 tons
Shipments over the Pennsylvania Railway	125,000 tons

The Committee reported that they had obtained reductions of 2c. per ton from Westmoreland Coal Company; 5c. per ton from the Berwind-White Coal Mining Company; 2c. per ton from Dimmick & Co.; and 10c. per ton from the Maryland Coal Co., amounting to $7,850.00.

On motion, duly seconded, the action of the Committee in placing the contracts was approved, ratified and confirmed."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company at a meeting held on July 10th, 1906.

"Bids for the supply of coal for the period ending April 1st, 1907, were submitted, and, on motion, duly seconded, the matter of coal contracts was referred to Messrs. Brady and Sterling."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on May 22nd, 1906.

"Vice-President Addicks reported that, because of the crowded condition of the Company's storage facilities, the April and May orders for anthracite coal had been canceled, which, on motion, was approved."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on May 15th, 1906.

"On motion, duly seconded, the action of the officers in purchasing 10,000 tons of gas-coal during April and May at a price not exceeding $3.25 per ton alongside, was approved."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on March 27th, 1906.

"Vice-President Addicks read a letter from Mr. Lewis B. Gawtry, relating to the coal supply and as to the advisability of contracting at this time for gas-coal for the year beginning April 1st, next.

On motion, duly seconded, it was

Resolved, That the officers have power to contract, from time to time, for available coal in the market, if at favorable prices, reporting weekly to the Executive Committee what purchases they make; and that they ascertain what large lots of coal are on hand for immediate purchase."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on February 6th, 1906.

"On motion, duly seconded, the officers were authorized to purchase from the Pittsburgh Coal Company 20,000 tons of 3/4" screened gas coal, at the present contract prices, to be delivered during the month of March; also, authorized to enter into a contract with the Lehigh & Wilkesbarre Coal Company for 150,000 tons of anthracite broken coal at the same as in present contract, with the provision that, if any reduction is made in the price of hard coal during the coming year, the Gas Company is to have the benefit of such reduction; and the officers were further authorized to enter into similar agreements with the other hard coal contractors."

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Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on December 19th, 1905.

"Vice-President Addicks reported that, in accordance with the authority given by this Committee, the officers had contracted for the following coal:

Coxe Bros. & Co..... 10,000 tons Beaver Meadow Broken;
Lehigh & Wilkesbarre
Coal Company ..... 10,000 tons of broken;
Delaware, Lackawanna &
Western R. R. Co.... 6,000 tons of broken;
Pittsburg Coal Co..... 10,000 tons of Gas Coal;
all at same prices as in present contracts.

On motion, duly seconded, said action was approved."

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Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York held on Tuesday, December 5th, 1905.

"Vice-President Addicks reported that offers for the supply of an additional quantity of coal had been invited, and that, in view of the uncertainties regarding the coal market, it would be wise to take what coal the companies could conveniently store.

On motion, duly seconded, the officers were authorized to contract for same at present contract prices."

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Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York held on Tuesday, Nov. 14th, 1905.

"Vice-President Addicks reported that, in accordance with the authority given, he had made a contract for liquid gas-making material to be 60% 28° gravity gas-oil at 4.29¢ and 40% 34° gravity at 4.875¢, the 34° gravity only to be delivered in the cold weather months (November to March, both inclusive); and further, that he had obtained for the Company the right to elect during the month of April, 1906 and 1907, whether the 40% of 34° gravity should be maintained or should be increased to 45% or 50% for the next following winter.

The proportions (with the right to vary the same), while differing from those heretofore proposed, will, through the use of a minimum of high grade material, enable the engineers' department to maintain the candle power to the standard required by the new law and will secure more economical results than if a larger proportion of the high grade oil were used."

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Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York held on Tuesday, Oct. 24th, 1905.

"Mr. Addicks reported that the Chief Engineer had stated to him that, because of the law demanding increased candle power, he found that it would be necessary to use 34° gravity oil for winter service, and, accordingly, Mr. Addicks had arranged to obtain for immediate use the Standard's available supply, which, in all probability, cannot exceed 20,000,000 gallons.

"Mr. Addicks submitted three propositions to be made the basis for a new contract, each proposition containing specified quantities of oil of varying gravities, to wit: one of 50% 34° and 50% 28°; one of 25% 34° and 75% 28° and one of 25% 34°, 50% 31° and 25% 28°; with corresponding prices.

After a general discussion, it was, on motion, duly seconded,

Resolved, That the execution of a new contract be left with the officers with power."

Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York, held on Tuesday, Sept. 12th, 1905.

"Vice-President Addicks reported the purchase of 15,000 tons of anthracite broken coal from the Lehigh & Wilkesbarre Coal Company at $4.20 per ton; this purchase to be an addition to the present contract and is at the same price. On motion, said purchase was approved."

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Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York, held on Tuesday, May 16th, 1905.

"Bids for the supply of gas coal for the year ending April 1, 1906, were submitted as follows:

Pittsburgh Coal Co.	$3.15	per gro. ton alongside docks of company;
Penn Gas Coal Co.	3.11	do.
Berwind-White Coal Mng.	3.10	do.
Ellsworth Coal	3.20	do.
Westmoreland Coal Co.	3.00	do.
Fairmont Coal Co.	2.90	do.
United Coal Company.	2.95	do.
Keystone Coal Co.	2.93	do.
Weaver, J. H. & Co.	2.90	do.
Haff, W. P. W.	3.05	do.
Young, M. L. B. & Co.	2.95	do.
Cambria Coal	3.06	do.
Dimmick, J. K. & Co.	2.92	do.
Stony Creek Coal & Coke Co.	3.03	do.

On motion, duly seconded, it was

Resolved, To award contracts to the Pittsburgh Coal Company at $3.15, Berwind-White Coal Mining Co. at $3.10, Westmoreland Coal Co. at $3.00, Fairmont Coal Co. at $2.90, and J. H. Weaver & Company at $2.90; and to leave the apportionment of the quantities among the various contractors, to the officers, with power."

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Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York held on Tuesday, March 28th, 1905.

"Bids for hard coal for the ensuing year were submitted to the Committee, and, on motion, duly seconded, the award as to tonnage of coal to be purchased from the various bidders, was left with the officers, with power to contract for the same."

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Extract from the Minutes of the Meeting of the Executive Committee of the Consolidated Gas Company of New York, held on Tuesday, April 26th, 1904.

"The Chairman referred to the resolution of this Committee, passed at its meeting of April 12th, 1904, relating to the purchase of gas-oil of 28° specific gravity, required during the period of two years from July 1st, 1904, and stated that a fixed price for the oil would be more satisfactory than a price to be adjusted in the future; and that he had obtained the full concession of 15 per cent. from the price now paid, which would bring the price for the oil of this quality delivered on the new contract to 4.04 instead of 4.10 cents per gallon, and he suggested that a contract based upon these terms be made,

On motion, duly seconded, it was

Resolved, That the recommendation of the Chairman be adopted, and that the officers be authorized to execute such a contract."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 12th, 1904.

"The matter of the supply of gas-oil was brought up, and, on motion, duly seconded, the President was directed to make a contract with the Standard Oil Company for the supply of liquid gas-making material needed for two years from the expiration of the present contract, at 4 and 10/100 cts. per gallon. The specific gravity to be not less than 28 degrees. After a thorough trial, should the results obtained from the oil be unsatisfactory, a reduction in price up to 5 per cent. is to be made; should the results be more satisfactory than those

obtained at present time, the price to be increased proportionately."

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Extract from the Minutes of the Executive Committee of the Consolidated Gas Company of New York at a meeting held on April 5th, 1904.

"Bids for gas-coal for the ensuing year, were submitted as follows:

Pittsburgh Coal Co	$3.40	alongside;
Penn Gas Coal Company	3.35	"
Berwind-White Coal Mining Co	3.30	"
Ellsworth Gas Coal	3.35	"
Westmoreland Coal	3.20	"
Tucker Gas Coal (Bid temporarily withdrawn)	3.30	"
Marion Gas Coal	3.40	"
Fairmont Coal Co. (W. Va.)	3.10	"

On motion, the officers were authorized to award contracts for coal on the following general lines:

Pittsburgh Coal Co. (3 yrs. contract) at	150,000	tons each year;
Penn Gas Coal	30,000	tons, with option of 10,000 tons more;
Berwind-White Coal Mining Co.	70,000	tons;
Fairmont Coal Co	50,000	tons;
Westmoreland Coal Co	25,000	tons; with, perhaps, an option on 15,000 tons more;
A total of	325,000	tons, with an option of 25,000 tons.

The above prices represent an average saving of 23 cts. per ton on the 350,000 tons, as compared with those of 1903, or a decrease in cost of $116,000.00.

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Minutes not included as not being applicable to Coal or Oil from January 1, 1906.

Extract from the Minutes of Executive Committee of the Consolidated Gas Company of New York at a meeting held on May 10, 1904.

Present: Messrs. Baker, Brady, Rockefeller, Ryan, Sloan, Sterling and Stillman.

"On motion, the Officers were authorized to contract with the United Coal Company for 25,000 gross tons of "Edna" 3/4" screened gas coal at $3.06½ per gross ton, alongside; the Chief

Engineer having made a satisfactory report on the tests of this coal."

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The following gentlemen attended the meetings of the Executive Committee of the Board of Trustees of the Consolidated Gas Company of New York on the dates below stated:

Date	*Present*
September 9, 1919.	Messrs. Cortelyou, Rockefeller, Garver, Addicks.
April 8, 1919.	Messrs. Brady, Cortelyou, Rockefeller, Garver, Addicks.
March 26, 1919.	Messrs. Brady, Cortelyou, Garver, Addicks.
February 4, 1919.	Messrs. Cortelyou, Garver, Addicks.
December 10, 1918.	Messrs. Brady, Cortelyou, Rockefeller, Vanderlip, Garver, Addicks.
April 2, 1918.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
December 18, 1917.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.
December 11, 1917.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.

Date	*Present*
December 4, 1917.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.
November 20, 1917.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.
October 23, 1917.	Messrs. Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
April 10, 1917.	Messrs. Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
March 27, 1917.	Messrs. Cortelyou, Sterling, Vanderlip, Addicks.
November 14, 1916.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
November 8, 1916.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
October 31, 1916.	Messrs. Brady, Cortelyou, Sterling, Vanderlip, Addicks.
August 1, 1916.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.

Date	*Present*
June 13, 1916.	Messrs. Brady, Cortelyou, Rockefeller, Vanderlip, Addicks.
May 16, 1916.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
March 28, 1916.	Messrs. Brady, Cortelyou, Sterling, Addicks.
November 23, 1915.	Messrs. Brady, Cortelyou, Rockefeller, Vanderlip, Addicks.
September 21, 1915.	Messrs. Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
March 23, 1915.	Messrs. Brady, Cortelyou, Sterling, Vanderlip, Addicks.
March 9, 1915.	Messrs. Brady, Cortelyou, Sterling, Vanderlip, Addicks.
January 12, 1915.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.
January 5, 1915.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.

Date	*Present*
December 22, 1914.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.
November 10, 1914.	Messrs. Brady, Cortelyou Rockefeller, Sterling.
October 6, 1914.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
August 18, 1914.	Messrs. Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
July 21, 1914.	Messrs. Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
February 24, 1914.	Messrs. Brady, Cortelyou, Sterling, Addicks.
*Note: Mr. A. N. Brady died on or about July 22, 1913.	* * * * * *
July 8, 1913.	Messrs. Brady, Cortelyou, Rockefeller, Vanderlip.
July 17, 1913.	Messrs. Brady, Cortelyou, Rockefeller, Vanderlip, Addicks.
April 15, 1913.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.

Date	*Present*
April 1, 1913.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
March 18, 1913.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
February 25, 1913.	Messrs. Cortelyou. Sterling, Addicks.
January 28, 1913.	Messrs. Brady, Cortelyou, Sterling, Vanderlip, Addicks.
November 19, 1912.	Messrs. Brady, Cortelyou, Sterling, Addicks.
March 5, 1912.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
February 20, 1912.	Messrs. Brady, Cortelyou, Sterling, Vanderlip, Addicks.
February 13, 1912.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
January 23, 1912.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.

Date	*Present*
December 5, 1911.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
November 14, 1911.	Messrs. Brady, Cortelyou, Palmer, Sterling, Vanderlip, Addicks.
March 14, 1911.	Messrs. Cortelyou. Sterling, Addicks.
January 10, 1911.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
March 8, 1910.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Addicks.
February 23, 1910.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
February 15, 1910.	Messrs. Brady, Cortelyou, Rockefeller, Sterling, Vanderlip, Addicks.
December 28, 1909.	Messrs. Brady, Cortelyou, Gawtry Rockefeller, Sterling, Vanderlip, Addicks.

Date	*Present*
December 21, 1909.	Messrs. Brady, Cortelyou, Gawtry Rockefeller, Sterling, Vanderlip, Addicks.
April 27, 1909.	Messrs. Brady, Cortelyou, Gawtry Palmer, Sterling, Vanderlip, Addicks.
March 30, 1909.	Messrs. Brady, Cortelyou, Gawtry Palmer, Rockefeller, Sterling, Addicks.
March 9, 1909.	Messrs. Gawtry, Rockefeller, Sterling, Vanderlip, Addicks.
January 19, 1909.	Messrs. Brady, Gawtry Palmer, Rockefeller, Sterling, Vanderlip, Addicks.
September 15, 1908.	Messrs. Brady, Gawtry Palmer, Sterling, Vanderlip, Addicks.
March 24, 1908.	Messrs. Brady, Gawtry Sterling, Vanderlip, Addicks.

Date	*Present*
March 17, 1908.	Messrs. Brady, *Gawtry* Rockefeller, Sterling, Vanderlip, Addicks.
November 12, 1907.	Messrs. Brady, Gawtry Palmer, Sterling, Stillman.
April 2, 1907.	Messrs. Brady, Gawtry Rockefeller, Palmer, Sterling.
March 26, 1907.	Messrs. Brady, Gawtry Rockefeller, Sterling.
March 12, 1907.	Messrs. Gawtry, Rockefeller, Sterling.
February 19, 1907.	Messrs. Gawtry, Sterling.
February 13, 1907.	Messrs. Brady, Gawtry, Rockefeller, Sterling,
August 7, 1906.	Messrs. Brady, Rockefeller, Sloan, Sterling.
July 10, 1906.	Messrs. Brady, Sloan, Sterling, Stillman.
May 22, 1906.	Messrs. Brady, Sloan, Sterling,
May 15, 1906.	Messrs. Brady, Sloan, Sterling.
March 27, 1906.	Messrs. Brady, Sloan, Sterling.

Date	*Present*
February 6, 1906.	Messrs. Brady, Ryan, Sloan, Sterling.
December 19, 1905.	Messrs. Brady, Sloan, Sterling, Stillman.
December 5, 1905.	Messrs. Brady, Ryan, Sloan, Sterling, Stillman.
November 14, 1905.	Messrs. Brady, Gawtry, Sloan, Sterling, Stillman.
October 24, 1905.	Messrs. Brady, Ryan, Sloan, Sterling, Stillman.
September 12, 1905.	Messrs. Baker, Brady, Gawtry, Sloan, Sterling, Stillman.
May 16, 1905.	Messrs. Baker, Brady, Sloan, Sterling.
March 28, 1905.	Messrs. Baker, Brady, Sloan, Sterling, Stillman.
April 26, 1904.	Messrs. Baker, Brady, Gawtry, Rockefeller, Sloan, Sterling.

Date	*Present*
April 12, 1904.	Messrs. Baker, *Brady*, Gawtry, Rockefeller, Sloan, Sterling.
April 5, 1904.	Messrs. Baker, Brady, Gawtry, Rockefeller, Sloan, Sterling, Stillman.

DEFENDANT'S EXHIBIT AA49

JAMES YALDEN, a witness called by the counsel to the Committee, being duly sworn, testifies as follows:

Examined by Mr. TREMAIN:

Q. Under the direction of this Committee you have made an examination of certain of the books of the Municipal Gas-light Company, with a view to ascertain what they may show touching its capitalization?

A. I have.

Q. Which books have you thus examined or had examined under your direction?

A. The ledgers, the journals, the books subsidiary, and the stock ledger and transfer book.

Q. The examination that you made extended over what years?

A. From 1876 to 1884.

Q. It is proper to state the Municipal Company was organized in 1876 with a nominal capital of $500,000, and that subsequently its capital was increased in 1877, to $1,500,000; in 1879, to $2,000,000, and in 1880, to $3,000,000; those amounts being nominal shares capital; please tell what the books you have examined show in respect to the payments of money touching this capitalization?

A. With regard to the first issue of $500,000 in 1876, on account of that there was $215,300 paid in cash, $100,000 on account of purchase of property, $150,000 for purchase of patents, and $34,700 given for salaries and providing for discounts on certain shares that were sold below par; the next issue of $1,000,000, in 1877, was subscribed for $800,000 in cash, and $200,000 paid for patents; the next issue of $500,000 in 1879, was wholly subscribed for in cash; the next issue, in 1880, was subscribed for in cash; the last issue of $1,000,000, however, the cash received therefor includes the $350,000 for the 3,500 shares allotted to the Bayard estate for the 3,500 shares referred to in Mr. Cutting's testimony yesterday.

Q. If in fact it was paid you mean?

A. It is assumed to be cash, for the reason it was passed through the cash book.

Q. You find that amount drawn out also?

A. Yes, sir.

Q. And concurrently with the payment in?

A. Yes, sir.

Q. And paid out to whom?

A. It was paid out in two amounts; $300,000 in settlement of a claim for damages in a suit by the Knickerbocker Company against the Municipal Company, which was charged to profit and loss account of the Municipal Company, and another check for $50,000 purporting to have been given for the purchase by

the Municipal Company of 15,000 shares of the Knickerbocker Gas-light Company; the latter amount was charged to a special account and stands to the debits of that account at the company's expense November 11, 1884.

Q. What is that account?

A. It is called Knickerbocker Gas-light Company's stock.

Q. What became of that item of $50,000 in the adjustment account between the Consolidated and the Municipal?

A. That was incorporated with the value of property and brought into account with the Consolidated Company as against the stock that they received from the Consolidated Company.

Q. Please state to the committee the total amount of moneys paid by way of dividends or distribution to the stockholders of the Municipal Company, during the period covered by your examination of these books, and as shown by these books up to the time of the consolidation?

A. The profit and loss account of the Municipal and Knickerbocker, of the former company from 1875 to 1884, and of the latter company from 1880 to 1884, shows that they paid away on their capital, as before stated, the sum of $2,806,192.50 for dividends in that period.

Q. If you can give the items of that $2,000,000 by years it would be desirable?

A. In the year 1879, $90,000; the year 1880, $353,742.50; 1881, $712,450; 1882, $600,000; 1883, $600,000; 1884, $450,000; that makes the total above referred to.

Q. What else have the stockholders of the Municipal Company received first in money and then in stock of the Consolidated?

A. They received $6,600,000 of stock in the Consolidated Company.

Q. What else in money did they receive by way of distribution?

A. Twenty-six and a half per cent. per share, called distribution of the assets since November, 1884, amounting to $795,000.

Q. That is included in your first item?

A. No, sir; they have received the sum of $795,000, twenty-and a half per cent., $26.50 per share for the distribution of the assets collected other than those transferred to the Consolidated Company.

Q. So that in round figures it is a correct statement, is it not, to say that the stockholders of the Municipal Company have received in money upon their shares $3,600,000 in addition to the shares of the Consolidated stock apportioned among them?

A. Certainly, that is so.

Q. Now, referring to the items upon which this Consolidated stock was based did you make an examination of what is shown by the books respecting the cost of the following items; the plant, real estate, street mains, valves, etc.?

A. I did.

Q. In a schedule found at page 30 of Appendix "D" in the report of the last Senate Committee, appeared the details of values of the constituent companies at the time of consolidation?

A. Yes, sir.

Q. For the purpose of making a comparison between those values and what you may have found shown by the books touching the items which are enumerated, did you make an examination?

A. I have.

Q. State its results in respect to each of the items?

A. The balance as standing, the amount standing as representing the cost of the various investments of the Municipal Company, are as follows:

Q. Lump each item?

A. The outlay of the Municipal Company for the various amounts represented in the table on page 30, before referred to, amount in the aggregate to $4,092,347.86, and the sum of the valuation on page 30, including the franchise, is $5,100,000, therefore making an appreciation on that account of $1,007,652.14.

Q. Is not that exclusive of any Knickerbocker items except expenditures made by the Municipal on the Knickerbocker properties after 1880?

A. It is quite independent of any expenditures on the other company.

Q. State what appears by the books of the Municipal Company—its total expenditures upon the Knickerbocker property since 1880 that appear to have been?

A. On account of works, mains and sundries the Municipal Company have expended on the Knickerbocker $810,481.15.

Q. And is that item included in the aggregate of items you have previously just given?

A. No, it is not.

Q. Hence, the total expenditures as shown by the books for those items you have designated, namely, for construction, plant, and other properties, is what figure, the two together?

A. Four million nine hundred and two thousand eight hundred and twenty-nine dollars and one cent, the total expenditures on the two companies' works.

Q. So far as the books exhibit is there any other item to be added to that amount in order to represent the actual aggregate expenditures upon the Municipal property or Knickerbocker properties that enter into the consolidation?

A. No, there is nothing further.

(By the CHAIRMAN:)

Q. Do you mean to say that the entire sum put into the Municipal Company amounts to $4,902,829.01?

A. That is the two together; the amount of money used by the Municipal in the increase of their works and the addition of the Knickerbocker.

Q. Do you mean to say that the property that the Municipal held on the day next prior to consolidation, including the Knickerbocker, which had previously been merged in the Municipal, cost the sum last mentioned, and no more, as shown by the books?

A. As shown by the books that was the amount of money they expended, but I take it that the value of the Knickerbocker property, whatever that may be, when it was transferred, is not incorporated there.

Q. Does that include the $1,200,000 indebtedness of the Knickerbocker that was assumed?

A. Oh, no, not that at all.

Q. Can you state how much the Municipal Company had expended in any way upon the works and property which it had at the time of consolidation, which would include of course the Knickerbocker works?

A. Yes, sir; the Municipal expended on their own $4,092,347.86 and upon the Knickerbocker Company's works and plant $810,481.15.

Q. Then what had their total property cost them?

A. Without the value of the Knickerbocker Company $4,900,000 in round numbers.

Q. The whole property that the Municipal had at the time of consolidation cost them how much?

A. Four million nine hundred and two thousand and odd dollars.

Q. How much had the Municipal Company put into the property which it had at the time of the consolidation?

A. Four million nine hundred and two thousand dollars.

Q. What has the Municipal Company, the stockholders as such, taken out of the concern that includes the twenty-six and a half per cent. which was paid after the consolidation but paid from assets of the Municipal remaining in their hands at the time of consolidation and not transferred?

A. In cash $3,601,000.

Q. Have they taken out any thing else?

A. No.

Q. What do they claim to have left in their possession as their own property?

A. The stock, $6,600,000, the total amount $10,201,192.50 and something over yet to come.

Q. What?

A. It depends upon how much the remaining assets are worth, prehaps $30,000 or $40,000.

(By the CHAIRMAN:)

Q. Then since and including the year 1876 they have put in a little less than $5,000,000?

A. A little less than $3,000,000; their capital stock is only $3,000,000.

(By the CHAIRMAN:)

Q. How much did the stockholders put into this concern irrespective of what they got from the public?

A. Nothing; but there was a surplus left after the payment of dividends; they paid for stock $3,000,000, assuming it was paid all in cash.

Q. That is all they have ever put in?

A. Yes, sir.

Q. They have actually taken out of the Consolidated how much?

A. Three million six hundred and one thousand dollars.

Q. And have got left in Consolidated stock how much?

A. Six million six hundred thousand dollars, assuming the Consolidated stock to be worth par.

Q. How much did the shareholders put into the concern and pay for their stock?

A. The capital stock of the Municipal Company was paid in in cash by sundry shareholders, $2,165,000; $350,000 by the Bayard estate in the manner as before explained; $100,000 of stock was given for the original purchase of the property; $350,000 given for the purchase of patents; $8,900 given in payment of salaries; $25,800 was the discount on stock sold at different rates below par.

Q. Is that all that the stockholders of the Municipal Company ever put into the concern?

A. Yes, sir; that's all they ever put into the concern.

Q. And have drawn out upwards of $6,000,000, and have got their $3,000,000 of stock besides?

A. Certainly; in point of fact the actual cash that went into the company's coffers from the stockholders for the use of the company was $2,165,000.

Q. In point of fact the expenditures in and for property to the amount you have already stated were made from ordinary receipts, so far as they are in excess of that sum, $2,165,000.

A. So far as they are in excess.

Q. The construction of the works and the acquisition of properties has been paid by the current receipts?

A. Yes, sir; out of profits made and reserved beyond the dividends made which were at the end of the trading nearly two and a half million dollars.

Q. Explain the whole thing, that last item you gave, so that it shall appear more clearly what you mean?

A. The balance left from the profits of the company after paying the dividends is in round figures $2,500,000, November 11, 1884; that amount added to $3,000,000 of capital has provided the sum for the outlay on works and plant, $1,900,000, and $800,000 in round figures divided among the stockholders since November 11, 1884; and the balance represents future assets to be collected, and other small amounts standing as assets on their books, and various expenses and costs of liquidation in suit; now we must go further than that; there are some liabilities outstanding of the Municipal Company, $328,000.

Q. Were they not assumed by the Consolidated?

A. Yes, sir; but they were incorporated in the Municipal accounts.

(By the CHAIRMAN:)

Q. Is there any thing of that evidence which modifies or varies the statement already made by you?

A. Yes, sir; there is a sum of $328,000 owing by the Municipal Company for outstanding bonds, the proceeds of which have been used in the general construction and working of the company's business, as before stated, and that is really an addition to the capital and surplus, and went to provide an additional working capital.

Q. That indebtedness appears to have been assumed by the Consolidated Company, does it not, and to have been included in the $6,600,000 of stock apportioned to the Municipal?

A. No, it is not included; it is deducted before the $6,600,000 was given; the total amount of the plant of the two companies was $8,100,000, and there was $1,465,000 deducted from that for debts, and the Municipal Company got $6,600,000 worth of stock for the total value of all their property, less the indebtedness.

(By the CHAIRMAN:)

Q. Which indebtedness the Consolidated Company assumed?

A. Yes, sir, and assumed so much of the stock when it was due.

(By the CHAIRMAN:)

Q. I don't see how that modifies your previous statement as to what the stockholders of the Municipal Company put into the concern and what they took out of it, and what is now left

in their hands of the stock of the Consolidated Company assigned to them in the act of consolidation?

A. That statement goes to confirm my previous reports upon that, that the Municipal Company's stockholders received $6,600,000, and that they have received as the value of their assets, less their liabilities.

Q. You mean it is the net value?

A. Yes; the course they pursued was $1,800,000, as they appraised them, and they had $1,500,000 liabilities; the Consolidated say then "we will assume them but deduct it."

(By the CHAIRMAN:)

Q. Then the answer is that it does not modify it but rather confirms it?

A. Yes, sir.

Q. Is this testimony which you are now delivering the result of recent examinations, or had you made any such examination when you testified last March?

A. No, I had not; the result of this examination is the result of my labors within the last few days.

Q. Will you now please prepare appropriate tables or digests of the figures showing the results that you have just testified to, so that the Committee shall append it, if they choose, to your testimony?

A. Yes, sir, I will.

Q. Is there any item of depreciation written off in arriving at those results?

A. Nothing very substantial; the depreciation was generally charged to repairs, which was only $27,000 written off the depreciation.

Q. So that in arriving at those results there is no more depreciation allowed in the books than about that sum?

A. No, under that heading, that is all; in my account last March the Municipal Gas-Light Company wrote off for repairs a depreciation, $235,000, page 346.

Q. Did you investigate that item?

A. Yes, sir, and ascertained that they had spent that amount of money for repairs; it is an equivalent to writing off the amount for depreciation and spending the amount as they required it; I will correct my figures; the depreciation written off is $53,000 and not $27,000; I took the wrong figures.

(By the CHAIRMAN:)

Q. The cost of repairs then has been made from time to time and came out of the earnings of the company?

A. Certainly.

Q. The money with which bonds have been paid for came out of what?

A. The earnings of the company, and I presume a part of the surplus.

Q. So that the dividends paid have been over and above all those expenditures and earnings?

A. Yes, sir; the dividends paid have been the cash that they have had left that they didn't want for any other purpose.

Recess until 4 o'clock p. m.

Hearing resumed.

J. YALDEN, being recalled, testified as follows:

Examined by Mr. TREMAIN:

Q. You have had some experience, have you not, in the matter of accounts and arriving at what are, in fact, profits and losses and capital as shown by accounts?

A. I have.

Q. Please state whether you have had experience, and if so, of what character in relation to the proper charges to be made by way of expense or towards depreciation of capital invested in a plant, in a working concern, and whether your experience is of a character to enable you to form an opinion as to what are proper items of expense, or what is a proper amount of depreciation, if any, to be accorded to capital invested in a plant, for the purpose of reducing and supplying gas?

A. Well, in the case of a gas company generally, gas companies, as a rule, are so large that it is not always necessary or advisable with regard to the question of writing off an amount for depreciation, if more than that depreciation is equivalent to the average life of the plant; and if the average amount of expense required to repair the plant is equivalent to such depreciation each year, and is charged to expense account, there is no object in charging a stipulated sum to expense for depreciation but in the case of a company where the wear and tear is not evenly distributed yearly, it is proper that an amount should be reserved by writing against expense equivalent to the average wear and tear and the amount expended for repairs, and permanent expense should be charged against it; for if there is any balance in one year, of course, it will be expended the next or the year after; for instance, if the average wear and tear is twelve and a half per cent., and if less amount than that is expended in any year, it is bound to be expended in the subsequent year or years, and at the end of the term, say eight years, being twelve and a half per cent. it will be found that the amount expended for repairs, etc., making the works as good as new, will be equal to the amount of their original cost.

Q. That is, assuming eight years to be the life of a plant?

A. Yes, sir.

(By Senator ROBINSON:)

Q. You say twelve and a half per cent.?

A. I think if the works are substantially put up, twelve and a half to fifteen per cent. should be a fair depreciation.

Q. What have you found to have been the practice in these respects in general, in the accounts of the several gas companies now under investigation; I am asking for the character of the accounts which you have been examining in these companies?

A. In years gone by my memory serves me that my former statement of twelve and one-half to fifteen per cent. is a fair depreciation for a gas plant; but if you will look at my statement made last March, on page 58, you will notice that the seven companies expended for repairs to works and depreciation, in the year 1883, the sum of $740,683.26, and that in proportion to the cost of the plant, the actual cost, I mean, is about twelve and a-half per cent., or a little over.

Q. You mean that that figure is about twelve and a-half per cent. of the cost of the plant?

A. To those seven companies, yes.

Q. That is to say, as found upon the books, in making the examination of those seven companies, concerning the business of one year, 1883, you found such an allowance?

A. Yes, sir, in all for the seven companies. I will demonstrate it by this Manhattan Company.

(By the CHAIRMAN:)

Q. The cost of repairs in any year, for one company, would not give any sufficient basis on which to form any calculation, would it?

A. Yes, sir; one gas plant wears out just as much as another.

Q. But not at some periods as much as others in the same plant; you would not have to repair as much the first year as the tenth?

A. No, sir; I have incorporated the seven companies. It would not be fair to take one company as against one plant.

Q. If you take seven companies at different times, your idea is it furnishes something?

A. Yes, sir; I will farther demonstrate it by pointing out to you with the Manhattan Company's plant in the ten years ending 1884, there was expended $1,626,247.56 for repairs to the works and depreciation. Now, the cost of the plant of the Manhattan Company upon which they have spent over $1,600,000, in ten years, was about $2,400,000.

Q. You think that illustrates what you were just stating?

A. When you come to consider the cost of meters I must correct that testimony. In this depreciation account, in lieu of one

million six hundred and odd thousand dollars written off for the Manhattan, it should be in round figures $2,030,000, as against a plant costing $2,400,000.

Q. Thus illustrating that in less than ten years a plant costs its value over again?

A. Yes, sir, in less than ten years.

Q. Now, in respect to this matter of expense or depreciation, tell the committee whether there is any recognized standard of principle by which such matters are conceded regular in professional circles?

A. Yes, sir, in this way; in the depreciation of the plant; in factories and manufacturing business generally, the calculation is invariably made upon the life of the plant, and the way that accounts of that nature are generally treated is to credit by charging the profit and loss such an amount as is equivalent to the amount standing to the debit or the cost of such plant; it would be in this way: that if the life of the plant is ten years, and it was stated it cost $200,000, the expense would be charged with $20,000, and reduce the cost of the plant on their books to $180,000; and it would follow on the next year the addition in the nature of a permanent improvement; and then at the subsequent year the ten per cent. of the balance then standing to the debit of the account would be written off and what remained would be the fair average value of the worth of the plant.

Q. Indicate to the committee some standard literature, if any there be, that establishes the principles you have stated?

A. There is a small book called "The Depreciation of Factories and Their Values," by Matthewson, which treats very fully of the depreciation of factories and machinery and refers to gas companies.

Q. Do you know what the custom is in respect to the certification of capital, or certification for dividends in the companies that are engaged in supplying the city of London with gas?

A. Yes, sir.

Q. Do they follow these principles?

A. Yes, sir.

Q. On such registered certification?

A. They do.

Q. The uses in that respect with regard to the capital and dividends?

A. It is regulated by law to the amount of what they are to spend in the formation of their companies; the plant, etc.; and no capital can be increased except by cash subscription. Before authority is given to increase that capital evidence must be shown that it is necessary to increase the plant and the business; and as to dividends, they are not allowed to be paid unless they are absolutely earned.

Q. In determining whether they are earned or not, is an account taken of the depreciation of the property?

A. Yes.

Q. How is that depreciation reckoned?

A. The depreciation is taken and written upon the principle I have before related.

Q. Is that ascertained and approved by an officer or officers charged with that duty?

A. Yes, sir; it is.

Q. State what the usage is in that respect under the law for the regulation of gas companies as conducted in the city of London, having special reference to the certification of capital and of dividends?

A. The certification for capital in this way; an increase of capital being applied for, it can only be done under an act of Parliament, and the committee on the bill must be satisfied that such a capital is required, and is necessary, and when it is granted the published balance sheets that are certified to must show conclusively that the money has been actually spent in the way that permission was given; the amounts are published half-yearly, and after being made up they are certified to by the president of the company and other responsible officers and the engineers; and lastly by the accountants who are the auditors, that the dividend has been fairly earned, and is proper to be paid.

Q. Firms are established for such service?

A. Yes, sir; there are recognized firms; the persons making these audits are the public accountants who are chartered by the government and belong to the Institute of Accountants in England.

Q. Then the law provides for the increase of capital both as to when it is necessary and proper, and as to the amount and as to its expenditure?

A. Yes, sir.

Q. And as to dividends, the law defines the basis on which it is to be declared?

A. Yes, sir.

Q. Which basis puts a limit upon it practically?

A. Certainly.

Q. Does that have any practical effect to prevent the watering of stock?

A. Certainly it does.

Q. Does it secure an actual capital as a basis upon which dividends can be declared?

A. Certainly, that was the intention of the act.

Q. So that the law puts a limitation upon the capital, its amount and upon the dividend, how declared and its amount?

A. With regard to the first three points, it does; and in the

case of gas companies, it does; the gas company's stockholders, they are to have a dividend of ten per cent., a fixed dividend.

Q. Does that system protect the consumers against unreasonable and exorbitant charges?

A. Yes, sir.

Q. Is it your observation that it accomplishes the proposed end? Have you the means of knowing about that?

A. Yes, sir; I have been through it years ago; I remember the time that gas in London, before this consolidation took place, was something double the price it is to-day; before the consolidation of the companies in London took place, before this system obtained.

Q. This governmental supervision has, in effect, reduced the cost of gas very greatly?

A. Yes.

Q. It gives a reasonable profit upon a stable basis?

A. Yes.

Q. It makes profits both reasonable and stable?

A. Yes, certainly.

Q. You formerly lived on the other side, and did for many years?

A. Yes, sir.

Q. Have the several companies in London a limited territory of operation?

A. Yes, sir.

Q. A limited portion of the city?

A. Yes, there are only three of them in London.

Q. Each company secured in its own territory?

A. Yes; no two companies can lay pipes in the same streets, unless there is absolute demand for them.

Q. So that the effect of this governmental regulation, which has proved a security of operation, coincident with the consolidation thereby established, has been to reduce the profits of gas about forty per cent.?

A. Forty to forty-five per cent., and it is beneficial alike to stockholders as well as the consumers.

Q. Do you know what the usage naturally established is in respect to distributing dividends on capital, whether the distribution is made on all the capital that may be authorized, irrespective of whether it is in part raised or not, or whether the dividends are limited to the capital as actually raised and invested in property?

A. The formation of these companies is generally by a stock capital with borrowing powers, which means, that as against so much stock capital they can issue so many bonds at the cheapest rate of interest they can obtain money for; in the year 1883 the three companies of London had raised upon bonds about eight and a half million dollars, about forty per cent. of their

total capital employed, which was subject to a certain rate of interest, less than what the stock of a shareholder received, which was a fixed charge, of course, against the property of the company—really a mortgage against the property of the company.

Q. It did not swell the capital at all?

A. No; it was capital raised by loans.

Q. The dividends are based upon capital?

A. Yes, sir; the ten per cent.

Q. The ordinary capital as used, is exclusive of these bonds?

A. Money derived from them; the operation of that is to reduce the price of gas; supposing the whole of the amount was subscribed for, the consumers would have to pay more for their gas if the whole capital employed was of stock capital at ten per cent., than they would naturally have to do if half the working capital is stock at ten per cent., and the other half loaned capital bearing four per cent. interest.

Q. I would like to know how these bonds were discharged, whether out of earnings?

A. No; they are renewed again; they are generally sold at a premium, and in one case here, where the bonds sold at a rate of interest of four to seven per cent., they realized a premium of about $860,000, which the law compels to be spent in building the works and plant.

Q. Does this power of affecting loans on bonds result in reducing the amount of stock capital in works on which stock capital the dividend is based?

A. It does not result in reducing the amount of capital, used in building the works, but it operates in reducing the interest paid on the whole of the capital.

Q. With this loaning power, can they have a smaller stock capital than they can have without it?

A. Yes, sir.

Q. Does this power of affecting loans on bonds result in reducing the amount of stock capital in works on which stock capital the dividend is based?

A. Certainly.

Q. Now, have you made an examination of the balance sheet of October 31 of the Consolidated Company and of the balance sheet immediately preceding the first dividend of that company, with a view of ascertaining what, in fact, are the profits of that company during its first year of operation?

A. Yes, sir; I have examined the balance sheet to the 31st of October last.

Q. It has been stated here to-day by the treasurer of that company that the figures as they appear on those balance sheets, in his opinion, as reported to the board of directors there was earned a seven per cent. dividend on the capital of the Consolidated Company so far as its stock has been issued up to De-

cember, 1885; what is your opinion on that subject from an examination of those sheets?

A. Well, upon paper, I think upon examination of the books, as these papers state it, I think the seven per cent. has been earned; but there is this question in my mind, whether an amount charged off for repairs has any thing at all to do about the average depreciation of the plant.

Q. What is the amount charged off for depreciation and repairs?

A. Three hundred and twenty-six thousand dollars to October 31; $216,000 for the first seven and one-half, and $110,000 for the last four months.

Q. Have they written off and made allowance for a sufficient amount of depreciation?

A. No, in my own opinion, they have not.

Q. What per cent. have they written off—you have stated it should be from twelve and a half to fifteen per cent.?

A. Well, for the period, which is eleven and a half months, two and two-thirds per cent. on the value of their plant, as it stands in the Consolidated Company's books, according to their own appraisement; that is not the cost according to their appraisement of the values; they have depreciated instead of appreciated, only spent for the first eleven and a half months about two and two-thirds per cent.

Q. If that is a correct appreciation, don't you think that plant must be much less than twelve million?

A. If they are right, I am wrong; that gives the life of the plant forty years.

Q. Have you any doubt of their having got the appraisal of the property too high, or their depreciation too small; it is one or the other?

A. Certainly, they have one too high or the other too low; even at this cost, that amount of money is not a fair depreciation.

Q. You have ascertained from the books the actual cost of that plant?

A. Yes, in every company; look at page 58 and you will see.

Q. What have you to say in respect to that depreciation of $326,000, in comparison with the depreciation that appears by the books of the same constituent companies for the year 1883 to have been, in total, $740,683?

A. It does not show the same appreciation, on comparison.

Q. State what it did show?

A. The year 1883 by the books of the companies, it cost the seven companies for repairs, $740,683, and the same companies incorporated under the consolidation company in the year 1884 have apparently spent only $326,000; but some allowance must be made in these figures for one or two of the works that are shut up, and then it will even show a very large difference.

Q. Would it be any more than one-half of the actual depreciation, making that allowance for the year 1883?

A. No.

Q. It would be less than half?

A. Yes, I think it would.

Q. According to the balance sheet of October 31, 1885, is it not true that up to the dates therein expressed, the dividend of three and a half per cent., the dividend since June, had not been earned?

A. Certainly, if you consider this depreciation to be a fair charge, as I consider it should be.

Q. Your answers, as last above given, are based upon the trial balance dated October 31, 1885?

A. Yes, sir; they are.

Q. Before passing to another topic, I wish to recur a moment to an item in the capitalization of the Municipal alluded to in your testimony yesterday. Is it not the fact that of the increased capital of the Municipal from $2,000,000 to $3,000,000 there was issued stock of the par value of $350,000, namely 3,500 shares for which, in fact, no money was paid to the Municipal Company?

A. In fact, there was not. The Municipal Company paid $300,000 to the Bayard family for damages and $50,000 for the purchase of the Knickerbocker stock, while concurrent with it came back the same amount from the Bayard estate to the company for subscription to 3,500 shares.

Q. So that it is not the fact to state that $1,000,000 of that capital thus increased was paid up?

A. No, sir; it never enriched the coffers of the Municipal Company in any way.

Q. In fact, did it not deplete the Municipal Company to the extent of 3,500 shares?

A. Certainly it decreased their assets taking out of their surplus capital charged to profit and loss and they assumed a liability to the stockholders for it in return.

Q. So that while apparently in some of the books there was an increase of capital and of cash and an issue of stock represented, yet, in fact, there was an actual loss of money, was there not, from the Municipal Company, as the result of that transaction, of precisely $350,000.

A. No, there was no loss of money; the transaction had the effect of creating additional capital at their own expense.

Q. There was a loss of 3,500 shares and the assumption of the debt?

A. Yes, the Municipal Company paid for it in the shape of these damages in this action.

Q. Was that, in effect, an increase of the stock out of the proceeds of the earnings of the company?

A. Certainly; the depletion of the company's assets at the expense of increasing the liability of the stock holders.

Q. It increased the capital?

A. Yes, sir.

Q. Without increasing its assets?

A. It depleted the assets.

Q. So that, in effect, it was a depletion of the assets, and increase of the dividend capital?

A. Yes, it was taken out of their surplus and put into their capital stock; it was to the benefit of parties who took the 3,500 shares.

Q. The consumers paid for that capital?

A. Yes, they paid for it in damages.

Q. The consumers paid for that capital?

A. That was the effect of it.

The following is an abstract of the claim upon which this payment appears to have been based according to the papers already produced in evidence by Mr. Day, viz.: "Summons and complaint in this suit in Supreme Court by the Knickerbocker Company against the Municipal Company; summons dated August 23, 1879, and the answer served in October of that year."

Mr. TREMAIN: The counsel for the committee claims that upon the papers it does not appear there was any justifiable claim of any merit upon which the damages of $300,000 could in any point of view have been fairly awarded.

NEW YORK, *December* 12, 1885.

Under a resolution of the Committee at its last session, Senator Murphy was appointed a sub-committee to take testimony during the recess of the Committee, which adjourned to the call of the chair.

The sub-committee, consisting of Senator Murphy, convened at parlor D R, Fifth Avenue Hoted New York City.

H E. Tremain present as counsel for the Committee.

NEW YORK, FIFTH AVENUE HOTEL,
December 16, 1885—2 p. m.

The Committee met pursuant to adjournment.

Present: Hon. John I. Gilbert, Chairman, Hon. Thomas Robinson, Hon. Michael C. Murphy.

Henry E. Tremain, Esq., appears as counsel to the committee

J. YALDEN, being duly recalled, testified as follows:

Q. You are prepared to give evidence with reference to the financial history and condition of the several constituent companies?

A. Yes, sir.

Q. I call your attention to the Manhattan?

A. Yes.

This company was incorporated under the Laws of 1830, chapter 59, passed February 6, 1830, with a capital stock not to exceed $500,000, in $50 shares, and as soon as possible thereafter commenced its business. The first subscription of capital was shortly afterward paid in. Subsequently, under the Laws of 1847, chapter 163, an act was passed April 29, 1847, providing for the increase of the capital of the Manhattan Gas-light Co., to $1,000,000 in $50 shares, and up to January 1, 1851, the sum of $850,000 had been paid into the treasury in cash on account of the said stock of $1,000,000, and again under the Laws of 1852, chapter 50, an act was passed March 25, 1852, to increase the capital stock $1,000,000, at such time as the board of directors might prescribe.

By a later act under the Laws of 1855, chapter 543, passed April 17, 1855, power was given to the Manhattan Gas-light Company to increase their capital stock $2,000,000 at such time as the board of directors might prescribe by resolution of said board, with power to adopt such resolution within six months from the passage of the act.

Under a resolution of the board this issue of $2,000,000 worth of stock was credited by a transfer of $18 per share, amounting to $720,000 (40,000 shares at $18 per share), from the surplus profits of the company, and the issue seems to have been made to the shareholders for the equivalent of their present holdings and the remainder, viz. $32 per share was paid in in cash by the 1st of January, 1866.

To show the particulars of these transactions I have abstracted the details of the capital account on pages— to —. By the books of the company it appears that no business was done by the company until about February 1, 1836, and the details of this for the period to November 11, 1884, I show upon statement, pages — to —, being an abstract of the profit and loss account for the whole period of their doing business. It gives in totals, by yearly and five-yearly periods, the gross income and total cost of gas, and depreciation with dividends paid, and at the foot of such statement the tabulated amounts.

These particulars show that the company, during its business period, divided among its shareholders the sum of $25,847,675.66, which includes $1,500,000 (part of $2,000,000) of certificates, and the interest thereon paid to the shareholders out of the surplus profits, and likewise includes $720,000, before referred to as credited up for capital on account of the last issue of shares. After this the company had a balance to their profit and loss account of $876,134.67, which really represented the surplus capital to provide for the increased value of the

assets, as shown by their books, beyond the amounts which these investments presumably cost.

The properties, etc., of the Manhattan Company were, on November 11, 1884, transferred to the Consolidated Company, at a largely increased value beyond that stated on the books of the former company, and in explanation of this appreciation or increased value of assets, as taken over by the Consolidated Company, the particulars on page — will show the state of the accounts upon the books of the Manhattan Company when they were closed on November 11, 1884, and the value of same as taken over by the Consolidated Company.

The balance as shown thereon being $11,940,000, equal to the stock issued by the new company in payment of the properties, franchises, etc., of Manhattan Company.

The column on the debit side of this account, headed "Appreciation written up," and amounting to $7,093,462.11, gives in detail the increased value placed upon the various properties and franchises beyond the amount of presumed cost or value stated in the books of Manhattan Company.

Statements are also given upon pages — to — of the capital investment for real estate, buildings and improvements, services and mains and meters, showing in detail the outlay, year by year, from the inception of the company to November 11, 1884, and giving the methods and forms the Manhattan Company treated their investment accounts.

A further statement on pages — to — is given of the capital stock and surplus profits, according to the books of the company used in the business, and upon comparison will show that the Manhattan Company was in possession of ample capital, and sufficient to enable them to accumulate very large profits, and so pay the various dividends.

In July, 1863, this company sold to the Metropolitan Gaslight Company, New York, their real estate and station at Sixty-fifth street, together with the mains, services and meters in use above the center of Thirty-fourth street, for the sum of $685,301.02, and received therefor a mortgage for $161,500 and stock in the said Metropolitan Company 2,356 shares of the par value of $1,178,000.

This stock of the Metropolitan Company appears to have been placed in the hands of Moses Taylor and Henry Young in trust, and by them sold for the benefit of the Manhattan Company; the proceeds of this sale were used to pay the fifty-eighth dividend of the Manhattan Company.

The particulars of this sale, as far as I can ascertain at present, are not fully described in the books, but a complete investigation would no doubt reveal the exact manner in which this transaction was consummated.

In the early part of 1857, and continuing until October, 1863

the company was in the habit of transferring, at certain periods, an amount from profit and loss to the credit of depreciation account, creating a reserve fund to meet the wear and tear of the various properties and works, and during these years the amounts so charged to profit and loss amounted to nearly $1,000,000.

It seems, however, that the company having also provided for alterations and improvements by charging such expenses to the profit and loss account, subsequently by resolution of the board of directors in November, 1863, they re-transferred $756,288.51 to the profit and loss account, and the balance then left $500,000, was together with $1,500,000, credited to the registered certificate account under date of June 1, 1867, to meet that amount of certificates before referred to. These registered certificates were paid in cash by the Manhattan Company by redemption and by installment from the period of December 1871, to October, 1877, with interest at seven per cent. from the date of issue until payment.

I have compiled a statement, fol. —, of the dividends paid by the Manhattan Gas-light Company during the period of its business, showing at stated periods the total capital subscribed in cash, and dividends paid, giving a comparison between a calculation of ten per cent. on the capital paid up and the dividends paid.

The results of this shows that, basing it upon the actual cash capital subscribed, amounting to $3,280,000, there was an excess of dividends paid beyond ten per cent. of $15,509,544.13.

In the year 1856, however, I have included in the dividend $18 per share on 40,000 shares, transferred from surplus profits to the credit of these shares, which, with the $3,280,000 cash subscribed, completes the full capital account of $4,000,000, but as the sum of $720,000 was credited to the capital as before stated, and subsequently treated as capital stock, I have deducted this from the amount of dividends, and reduced the excess of dividends over ten per cent., to $14,789,544.13.

From the foregoing statements the following are the benefits derived by the stockholders of the Manhattan Company from the operations from 1836 to 1884 on the subscribed capital as follows:

Total capital subscribed in cash.....	$3,280,000
Transfer from surplus profits as before mentioned $18 per share on 40,000 shares (last issue)	720,000
	$4,000,000

Dividends paid to stockholders as per account fol. — to —, inclusive, of $1,500,000, part of the issue of registered certificates and interest at seven per cent., until payment		$25,847,675 66
Balance of depreciation account included in issue of $2,000,000 certificates		500,000 00
		$26,347,675 66
Deduct, credited to capital stock on account of last issue of shares (included in amount of dividends)		$720,000 00
Total dividends, certificates and interest thereon paid in cash		$25,627,675 66

Increased valuation beyond stated value of real estate, plant, works, mains, services, etc., in books of Manhattan Company, and the appraisement to the Consolidated Company.

Balances of the separate accounts		$4,872,999 49
Appreciation	$4,764,462 11	
Franchises	2,329,000 00	
Total appreciation on assets		7,093,462 11
		$11,966,461 60
Liabilities of Manhattan Company assumed by Consolidated Company	$620,740 78	
Deduct value of coal, lime, gas, customers' accounts and other assets taken over	594,279 18	
		26,461 60
		$11,940,000 00

For which stock in the Consolidated Company was issued to the stockholders of the Manhattan Company who therefore have received for the original investment of $3,280,000.

Dividends and certificates paid in cash		$25,627,675 66
Stock in Consolidated Company	$11,940,000 00	
Less cash capital subscribed to the Manhattan Company	3,280,000 00	
		8,660,000 00
Total received beyond the original cash investment		$34,287,675 66

(The witness continued:) I have compiled the statement of dividends paid by the Manhattan Company from 1836 to 1884; the former date is when the first capital was paid in.

Q. What have you compiled?

A. A statement of dividends paid by the Manhattan Company during the period of its business, giving a comparison between ten per cent. on the capital paid up and dividends paid; the result of these sheets is, that basing it upon the actual cash capital subscribed, $3,280,000, there was an excess of dividend beyond ten per cent., $15,509,000, the profits over and above ten per cent.; they really paid in round numbers about $15,000,000 more than ten per cent.; $3,280,000 and $720,000, making $4,000,000; the total dividends paid to stockholders amount to $25,847,675.66; the balance of depreciation account included in the $2,000,000, making a total of $26,347,675.66; deducted from that, the capital stock on hand, last issue of stock, leaves the total dividend of $25,062,675.66.

Q. That sum is equal to ten per cent. upon the investment actually made plus about $15,000,000?

A. Yes, sir, the increase of valuation beyond the stated valuation of real estate, plant, etc., in the books of the Manhattan Company, and appraisement of the Consolidated Company, $4,872,999.49; that is the total of what they cost.

Q. That is a difference between what two things?

A. The purchase and what was sold; the purchase of the property, real estate and plant, they sold for a million of dollars to the Metropolitan Company; the appreciation—the amount they were valued at—to the Consolidated Company, in addition to that, $7,093,462.11; $11,940,000, the equivalent of stock issued to the Manhattan Company by the Consolidated Company; the cash capital, $3,280,000; total, $34,287,675.66.

Q. You have spoken of registered certificates; state what they are.

A. The registered certificate is simply one given by the Manhattan Company instead of dividend which represents the accumulation of profits that they had made and which had not been divided in dividends; these certificates, amounting to $2,000,000, were given in the year 1863.

Q. That they had $2,000,000 in 1863 which might have been distributed as dividend among the stockholders of the Manhattan Company, but instead of doing that, they issued these to those stockholders?

A. Yes, sir; the same amount which would have been distributed to them in the form of a dividend.

Q. Did they, during the same year, pay a dividend as divided in the regular way?

A. Yes, sir.

Q. How much dividend did they pay that year?

A. Five hundred and twenty-five thousand dollars.

Q. In the form of dividends?

A. Yes, sir, in 1863 the actual cash capital paid in was $2,780,000 and they transferred from their profits at that time a further amount, $720,000, making three and one-half millions; that year they paid dividends in cash equal to $525,000.

(By Senator ROBINSON:)

Q. That dividend was on the original $2,700,000?

A. Yes, sir, and they issued at the same time certificates bearing interest at seven per cent. to the amount of $2,000,000.

Q. Which were, in effect, dividends represented by profits accumulated paid by installments at the convenience of the company with interest at the date of payment; now, about your per cent.—what per cent. was it?

A. The two together is equal to seventy-two and one-half per cent. of the actual capital of $3,500,000; and upon the actual cash capital paid in of $2,780,000 which was distributed that year, it was ninety-eight per cent.

(By the CHAIRMAN:)

Q. In 1863 there was in effect distributed among the stockholders of the Manhattan Company ninety per cent. of the amount of cash capital stock actually paid in?

A. Yes, sir; in cash dividends and stock certificates.

Q. Does that finish your report of the Manhattan?

A. Yes, sir.

Q. So that, if for purposes of computation, you add to the cash capital theretofore paid in the accumulated surplus profits represented by $720,000 and treat the capital as if $3,500,000 there was in the year 1863 distributed in cash certificates subsequently paid with interest an entire dividend of about seventy-two per cent. upon such capital so estimated?

A. Yes, sir.

Q. How do you find the item of cost of the plant distributed in respect to the cost of real estate, and did you examine the books with a view of ascertaining exactly what the lots themselves cost the company, independent of plant or structures upon them?

A. Yes. I thoroughly dissected all those items and examined their books from 1831 to 1834 and ascertained what moneys had been paid out from time to time in respect to those properties.

Q. Did you separate the cost of the plant—services, meters, street mains, valves, etc., and office buildings and office furniture and all other expenses so as to be able to tell the committee what the real estate which is given in the schedules of appraisement at the figure of $3,563,000 cost the company as it appears by its books?

A. That is all got out and tabulated on the "A 10" and "A 11."

Q. As a result of that tabulation and examination, is it not true that all of the lots comprising the real estate valued in those schedules of appraisement for consolidation purposes at $3,563,000 and also the value of bulk-heads, piers, water rights, etc., specified in the same schedules of appraisement at $425,000, and also including the item of office buildings of $175,000, and an item of office furniture, $20,000, and the laboratories, photometric rooms, etc., $5,000, making in all an amount of $4,163,000 as a result of those five items in the schedule of appraisement with a view of comparing those five items with the actual cost of the lots as they appear on the books of the Manhattan Company?

A. Yes, sir.

Q. Is it not true that those lots cost the sum of $865,668.51?

A. Yes, sir.

Q. So that the items I have just specified that are represented by a capital of $4,163,000, appear to have cost $865,668.51?

A. That is so, but it should not include the two items of $20,000 for office furniture and $5,000 for the laboratories.

Q. Is it the fact that it appears from the books, as it apparently does, according to page "A 11" that the lots at Irving Place and Fifteenth street cost $25,000?

A. It did according to the books.

Q. At what amount is that stated in the appraisement schedules?

A. One hundred and seventy-five thousand dollars.

Q. What year was that appraisement?

A. I am afraid I could not tell you without the books. It was in the early part of the company's existence, thirty or forty years ago.

Q. Is it not a fact that the books show that the taxes and assessments were charged to expense account?

A. Yes, sir.

Q. And paid for by current earnings?

A. Yes, sir.

Q. Is it not the fact that the lots at Eighteenth street and North river, that cost $22,986, are valued in the appraisement schedules at $74,738?

A. I could not tell you. In the aggregate I can tell you what it cost, as against its value. They charged everything up to two accounts, under the heads of North river and East river property.

Q. So that, in these two accounts, the items for structures, plant and lots were intermingling?

A. Yes, sir; but I dissected and got the results on "Sheet A 11."

Q. Now, following the comparisons farther, what do you find to have been the cost of the plant,—which, separate from the street mains, meters, and services, appears to have been valued in the schedules at $3,623,000?

A. Three million, six hundred and twenty-three thousand dollars. If you add to that $3,000,000, for office furniture and laboratory, they cost $2,550,309.72.

Q. What are they valued at, total, in the appraisement?

A. Three million, six hundred and forty-six thousand four hundred and three dollars.

Q. What is there on the books to represent that assumed appreciation of anything, of about $1,090,000?

A. Nothing.

Q. Is it not true that the total amount appearing on the books of the company to have been expended for the construction of buildings and improvements, not plant and apparatus, is only $513,022.94?

A. That is correct.

Q. If it be assumed that such buildings and improvements are real estate, the cost of which is not charged to any other account—even then the real estate would not appear on the books to have cost more than the sum of $4,378,691.45?

A. No, it would not.

Q. But the fact is, is it not, that this first item of $513,022.94 has been paid for out of current earnings?

A. No, capital and earnings.

Q. In your report you did not state that any amount appears by the books to have been paid for in special privileges and franchises; do you find any such item?

A. There is nothing of that kind in the Manhattan Company.

Q. Or for patents?

A. No.

Q. No expenditures of that character appear?

A. Not specifically stated, no; if there are, they are charged in construction, and are minor sums.

Q. But you did not discover any?

A. No, sir.

Q. How did you find the item of depreciation treated upon the books you have alluded to in your report; please explain that item as it appears in your tables more fully, and how the company in their accounts treated it?

A. Well, several years ago the Manhattan Company reserved an amount of profits to meet depreciations, and at the same time apparently continued to make all necessary repairs and additions at the expense of revenue, thereby charging, in point of fact, the depreciation twice over; later on when they discovered this to be so, they credited back the sum of nearly $800,000, to their profit and loss account, and divided up $500,000 of that reservation in the certificate which I previously mentioned.

Q. About what year?

A. About 1863; so in reality at the expense of revenue the works were presumably in good working order and practically as good as new at the time they were transferred to the Consolidated Company.

Q. Is there any thing in the books respecting this item of depreciation that leads you to change the testimony you have already given as to what is proper in that respect?

A. No; I think the study of their figures will approve my figures in the custom of this company.

Q. Excluding the item appearing in the Consolidated schedules of appraisements of rights, franchises, etc., of $2,329,000, what do you find by the books of the company to have been the actual cost of the properties that appear in those schedules to have been valued at a total of $9,611,000?

A. What is represented in the figure of $9,611,000 cost the company $4,873,000, in round figures.

Q. And no more?

Q. No more; it could not.

Q. So that for the alleged appreciation of $4,738,000 nothing whatever appears upon the books?

A. Nothing whatever, no representative value.

Q. Do we understand from your report that upon a cash contribution as and for capital of $3,280,000 in all paid in at various times, there has been paid out to the stockholders in cash, in all amounting to $25,627,675.66, regardless of any stock certificates in the Consolidated Company?

A. Yes, sir. That is the aggregate sum that they have received in cash, exclusive of the sum of $720,000 that went into the capital. That $25,000,000 is the actual sum paid in cash by way of dividends and certificates.

Q. Is it also exclusive of the certificates of stock of the Consolidated Company held by the stockholders of the Manhattan Company after exchanging their shares?

A. It is.

Q. The nominal or par value of which is $100 for each share?

A. It is, and to make it clear the present stockholders hold that amount of stock in addition to $25,000,000 that they have received.

Q. What amount?

A. Eleven million nine hundred and forty thousand dollars.

Q. It has already appeared in the testimony that, in addition to the current dividends paid by the Manhattan Company to its shareholders during the year 1884, those shareholders received a so-called extra dividend or a contribution of some sort realized from the assets of the Manhattan Company, and that an amount of about $400,000 was distributed among the shareholders of the Manhattan Company shortly after the consolidation, do you

find either on the books of the Manhattan Company or on the books of the Consolidated Company any item exhibiting such payments or distributions?

A. There were entries in each company's books in reference to that, and the sum of $400,000 that you allude to is the last dividend that was paid to the stockholders of the old Manhattan Company that was paid by the Consolidated Company and subscribed to November 11, 1884, which was paid for by the Consolidated Company from the realization of assets of the Manhattan Company amounting to $594,000, which consisted of customers' balances, coal, lime and other supplies.

Q. So that in addition to the valuation stated in the schedules of the appraisements, there were enough assets of the Manhattan Company to yield the sum of $549,000?

A. Yes, sir.

Q. And out of that sum there was paid this distribution of $400,000 to the stockholders of the Manhattan?

A. Yes, sir.

Q. What became of the balance of $190,000?

A. That went to pay the current liabilities of the Manhattan Company, taxes and other things, as it appears on statement "A 10."

Q. Was that $400,000 in effect a dividend paid to the stockholders of the Manhattan Company?

A. Yes; it was ten per cent. on their stock and paid from the assets of the Manhattan.

Q. It had not been capitalized in the Consolidated?

A. No, sir.

Q. It was transferred to them?

A. Yes.

Q. They collected them and paid them back to the Manhattan?

A. Yes, sir.

Q. Whether or not it was the diminution of the working capital in the combined properties, to the extent of that distribution of $400,000?

A. Practically that is the effect of it; it was the working capital divided among shareholders.

Q. Is there, as appears by the books, yet a small sum or small percentage to be divided among those same Manhattan shareholders, or is the entire bulk of the assets represented by this $590,000 now exhausted?

A. By these figures the liquidation of the Manhattan is practically effected.

Q. Does that correspond with the accounts of the adjusting committee?

A. Yes, sir; these figures are based upon the figures of that committee.

Q. Do you not find it to be true that the adjusting committee have not concluded their adjustments in respect to all the constituent companies?

A. I do not know but they have; I think they have as far as the Consolidated is concerned; the accounts of the Consolidated Company in each of the constituent companies are balanced off as far as the Consolidated books are concerned; the individual constituent companies having so adjusted their affairs as against their own stockholders.

(By the CHAIRMAN:)

Q. In your report what do you mean by the presumed cost of plant, work, etc.?

A. By that I mean the original outlay for the property plus its additions and improvements, less its deterioration or depreciation; therefore, the balance represents the fair value of its cost or worth.

Q. Then, by presumed cost you really mean what is equivalent to actual cost?

A. Actual cost.

Q. Have you made an examination of the Metropolitan Company's books also?

A. I have.

Q. Are you able to give evidence to the committee in a similar manner?

A. Yes, sir.

This company was organized in 1858, under a special act of the Legislature with a nominal capital of $2,500,000.

Upon reference to the statement marked "C1," it will be observed that of this capital the sum of $612,700 only was received in cash and the remainder was paid for the charter and construction account. On this latter account the sum of $1,178,000 was paid to the Manhattan Company for the purchase of the Sixty-fifth street property, works, mains, etc. (reference to which is made under heading of that company), and was apparently issued in payment therefor at the rate of about fifty cents on the dollar.

This company commenced business about the year 1862, and was successfully carried on for the next twenty-two years, as will be observed by the profit and loss account on pages C — to —, notwithstanding the fact that dividends were paid upon a large amount of capital issued for property and franchises, a great part of which was issued at a large discount.

The dividend account on page C —, shows that the company commenced paying dividends in the year 1866, and continued doing so with the exception of the year 1873. The sum paid to stockholders in the aggregate including scrip certificates of $1,000,000 with interest thereon of $761,249.36 is $7,573,749.36,

and it will be observed from the statement that this is an excess over ten per cent. upon the whole of the capital of $1,973,949.36.

Upon reference to the capital investment account of real estate, property, etc., page C — to —, that although some of the property, plant, etc., was paid by stock issued at a discount, the valuation to the Consolidated Company, including franchises, is largely in excess of the amount so charged as the purchase price of the same, and as detailed upon the account marked "C —," the cost (including the stock) of the various properties transferred to the Consolidated Company according to the books was $5,292,175.35, giving an appreciation between that and the appraisement to the Consolidated Company ($7,175,000) of $1,882,824.65.

At various times this company issued bonds and mortgages for considerable sums upon their property, the interest thereon being charged in the regular way of business to the profit and loss account before the profits were determined; the amounts so outstanding and assumed by the Consolidated Company were for bonds $658,000 and mortgage $30,000, making $688,000, which was deducted from the appraisement of the property value and stock of the Consolidated Company was issued for the net amount which, in round figures, was increased to $6,500,000, as hereafter shown.

In addition to this, however, there was a large amount of assets belonging to the company which were not transferred to the Consolidated Company but subsequently realized and divided among the stockholders to the extent of $525,000, and still remains an undivided surplus of about $160,000.

The benefits, therefore, derived by the stockholders of this company for:

Total capital paid in cash	$612,700 00
Total capital for charter	144,000 00
Total capital for purchase of Sixty-fifth street property	1,178,000 00
Total capital for construction	565,300 00
Making a total of	$2,500,000 00
Dividends paid to stockholders in cash	$6,500,000 00
Scrip and interest issued in 1870, subsequently paid off by instalments	1,073,749 36
Stock in the Consolidated Company	6,500,000 00
Making a total of	$14,073,749 36
To which must be added division of assets since consolidation, paid in cash	525,000 00
Present undivided surplus, say	160,000 00
Making a total of	$14,758,749.36

From which deduct the nominal amount of stock, capital	2,500,000 00
Total received beyond original investments	$12,258,749 36

This company claims to have incurred considerable loss by explosion and fire. By the books, it appears that the loss to the company on this account in 1865, was $108,962.22, $12,000 of which was charged to construction account for new coal sheds, and the balance to profit and loss account, less a small salvage realized upon coal.

In the purchase of the Sixty-fifth street station before referred to, the amount charged to the construction account, as representing the value of the property so taken at cost, and the par value of the stock appears to be the sum of $533,922.62.

Q. I understand you that the stockholders of the Metropolitan paid in $2,500,000?

A. In cash and patents and construction and franchises.

Q. Now, about when was that put in and how much each year?

A. That is shown in "C1."; it was put in in the years 1860, 1861, 1862 and 1863.

Q. I understand you from that investment they have actually taken out $8,258,000 and odd dollars?

A. Yes, sir.

Q. They have left in their hands what?

A. Six and a half million dollars in the Consolidated stock.

Q. Reckoned at par?

A. Yes, sir.

Q. The amount taken out as you have given it includes $160,000 that is ready for and awaiting distribution?

A. Certainly; that is so.

Q. Have you made an examination of the books of the Metropolitan Company with a view to ascertaining the cost as it appears from those books of the real estate, and of the plant and of the items specified in the schedules of appraisement or the totals therefor?

A. I have.

Q. Will you please refer to the item resulting from your previous compilation of the appraisement of the schedules of $5,312,000, being the total of the appraised values of the plant, real estate, etc., of the Metropolitan Company, and state what those items appear on the books to have cost that company?

A. Five million two hundred and ninety-two thousand one hundred and seventy-five dollars.

Q. Does that cost represent money actually expended?

A. Not wholly so.

Q. In so far as it does not represent money actually, detail?

A. It represents $3,405,000 in money and about $1,887,000 in stock, the greater part of which latter amount was given at the rate of fifty cents on a dollar; hence, the reason why the appraisement so nearly approaches the actual stated cost in the books.

Q. That is to say, what appears to have cost $1,887,000 actually did cost $943,500?

A. Yes, sir.

Q. If that which did cost $943,500 was added to the actual cost $3,405,000, wouldn't the total cost thus appear to be $4,348,500?

A. Yes, sir; it would be $994,000 less and the appreciation would be 994,000 more.

Q. If the appreciation was thus $943,500 more than the difference between the cost as stated in that way on the books and the appraised value of the items comprehended by the figure 5,312,000 would be the sum of what?

A. Two million eight hundred and twenty-six thousand three hundred and twenty-four dollars and sixty-five cents.

Q. Is there any thing upon the books of that company to represent an expenditure of such a sum or any part of it?

A. No, there is not.

Q. Is there any thing on the books of that company to represent property resulting from that sum or any part of it except as you have stated that stock was issued for property?

A. No, sir.

Q. Is there any thing on the books of that company to represent an expenditure for so-called rights and franchises, etc., in addition to the expenditures that you have, immediately preceding this question, detailed to compare with the item stated in the appraisement schedules of rights, franchises, etc., $1,863,000?

A. There is nothing beyond the $144,000 that was given for the charter.

Q. Isn't that already included in the expenses you have mentioned?

A. Yes. There is nothing entered on the books of the Metropolitan for the rights, privileges and franchises.

Q. Whatever there has been expended, if any thing, for any such assumed property, appears in the expense resulting in the sums you have already stated, do they not?

A. They do.

Q. Then, as we now understand you, the figures you have above given of $2,826,324.65 include an appreciation for rights, franchises, etc., so called at an estimate of $1,863,000, as stated in the appraisement schedules?

A. Yes, it does.

Q. Referring to the statement in your report just read and to the figures on page "C5" and to the appraisement schedules, it is observed that the total net appreciation is stated by you at $1,882,824.65, and that in the appraisement schedules there is an allowance made for so-called rights, franchises, etc., of $1,863,000, thus leaving an actual apparent net appreciation of $19.824.65—is that correct?

A. That is correct.

Q. Will you explain whether you found anything upon the books of the Metropolitan Company in reference to such a comparatively small appreciation—and by the word comparative, I mean in comparison with the appreciation found with the result of other companies as testified to?

A. Yes. That arises from two causes mainly; first, that the cost of the property is entered at its then double value by reason of stock being given at fifty cents on a dollar. There is nearly $1,000,000 charged up, and, secondly, as I am informed, the Sixty-fifth street property was cut in two by the New York Central Railroad, and what was left was useless to them for the purposes of their business in consequence of their being deprived of their water front.

Q. Which occasioned a depreciation to the front of how much?

A. Five hundred and ninety-eight thousand seven hundred dollars and eighty-six cents.

Q. If that depreciation last mentioned had not occurred as shown by the books, there would have been an actual appreciation in comparison with the cost, in all, of what amount as represented by the appraisement schedules?

A. Well, about two and a half million dollars. The actual sum is $2,481,525.51.

Q. Have you prepared a summary of the accounts of the constituent companies so as to show the results in respect to each of the companies in the same manner as the results you have just shown concerning the Manhattan and the Metropolitan Companies?

A. I have.

Q. Will you please produce them so that the committee may examine them to-night and examine you farther upon them on another occasion?

A. I will.

Adjourned until December 17, 1885.

NEW YORK,

FIFTH AVENUE HOTEL, *December* 17, 1885.

JAMES YALDEN, being duly recalled, testified as follows:

Examined by Mr. TREMAIN:

Q. Have you made an examination of the books of the New York Company?

A. I have.

Q. Does your examination cover some of the general features of inquiry as the examination made of the Manhattan and the Metropolitan of which you have already testified?

A. It does; this company is the oldest in New York and its business was continued for about sixty-one years with uninterrupted success and proved to be very profitable.

It was incorporated in the year 1823 with a capital of $1,000,000. Of this sum $200,000 was paid in shortly afterward. In 1824, 1825 and 1826 further sums were paid in, making a total of $495,000, and in the year ending November 1, 1837, the balance of $5,000 was received, making a total of $500,000.

In the following year a further $250,000 was paid making a total cash capital of $750,000 which was the entire and total amount of cash capital subscribed by the stockholders.

The capital in this company was subsequently increased to $4,000,000 out of the surplus profits of the company as follows:

There was transferred from the surplus profits to the credit of stock account in the year ending June 1, 1871, a further sum of $3,000,000 when the company was reincorporated under the general laws of the State.

The account marked —— will give the particulars of the creation of the capital. The statement on page — to — gives the profit and loss account of their business for the period of about sixty-one years, the time it was in existence.

The large surplus profits necessary to create this new capital were nominally made up by appreciation of the value of the real estate, plant, etc., but the grounds or basis for so doing do not appear.

The dividends paid by this company, as detailed on page — have been continuous from the year 1825 to 1884, and in some years at a very large per cent. per annum.

The total paid in cash to 1871 is.....	$11,714,078 50
And from 1871 to 1884	3,520,000 00
A further dividend paid by the Consolidated Gas-light Company	40,000 00
Making a total of.....	$15,274,078 50
Stock dividends or amounts transferred to the credit of capital account.....	3,250,000 00
Making the total ..... paid in cash and transferred to the credit of stock account.	$18,524,078 50

This company was many years ago (similarly to the Manhattan Company), in the habit of transferring from their profit and loss account sundry items to provide for depreciation and wear and tear of property which in the aggregate amounted to a very considerable sum.

Finally this was written back by appreciation to the consolidated Company and the balance shown on the profit and loss resume on page — amounting to $3,647,258.19 is in fact the surplus profits of the company beyond the stock capital account.

The following gives the benefits the stockholders derived from the operations of this company:

Net profits, statement No. 1	$4,344,217 78
Net profits, statement No. 2	15,706,437 97
Profits written up direct to depreciation account	66,689 61
Profits on reorganization and consolidation	5,898,302 63
	$26,015,647 99
Paid in dividends exclusive of $40,000 paid by Consolidated Company	$18,484,078 50
Depreciation written off	3,884,311 30
Surplus remaining ($40,000 of this returned to stockholders)	3,647,258 19
Total capital paid in cash	$750,000 00
Transfer from surplus profits as before mentioned	3,250,000 00
	$4,000,000 00
Balance of separate accounts, plant, etc	$4,670,642 03
Appreciations $1,512,357 97	
Franchise 1,417,000 00	
	2,929,357 97
	$7,600,000 00

For which stock in the Consolidated Gas Company was issued.

The stockholders have therefore received from their original investment of		$750,000 00
Received in dividends in cash	$15,234,078 50	
Dividends paid by Consolidated Gas-light Company, January 26, 1885	40,000 00	

Received in shares of Consolidated Gas-light Company....	7,600,000 00	22,874,078 50
Total return to stockholders above their original cash investment during the years 1823 to 1884 in dividends and stocks of the Consolidated Company..		$22,124,078 50
And a further estimated surplus yet to be divided of		47,258 19
Total		$22,171,336 69

Q. Observing in your report the statement that in 1838 there was an increase of $250,000 of capital we inquire what the books show respecting that transaction—explain it more in detail.

A. November 1, 1862, there is this entry of a special dividend of $50 per share from the accumulated funds of the company as declared, $750,000; then there is another entry here for an increase of capital from $750,000 to $1,000,000 as per resolution of October 20, 1862, which increased capital is distributed *pro rata* as a stock dividend to the present shareholders, $250,000; that is, therefore, simply a transfer form the surplus profits of the company to the credit of the stockholders.

Q. It is a dividend in the form of new stock?

A. Yes, sir, and in addition to that, in the same year they paid a cash dividend of $750,000 on their capital.

Q. They really paid that year a dividend of how much?

A. One million and seven hundred and fifty thousand dollars in cash and $250,000 transferred.

Q. That makes what per cent. of dividend that year?

A. One hundred and thirty-three and one-third per cent.

Q. What year was that?

A. Eighteen hundred and sixty-two.

Q. That explains one of the instances of the so-called increased capital stock of the New York Company?

A. Yes, sir, regarding the $250,000.

Q. Was that increased capital stock in effect a dividend distributed among the stockholders of the company?

A. Yes, sir.

Q. It differed from an ordinary cash dividend in what respect?

A. By reason of their taking out with one hand and putting it back with the other.

Q. It was equivalent to a payment to the stockholders of the amount and at the same time an investment of it in capital stock of the company?

A. Certainly, that was the effect of it.

Q. And this new capital stock so obtained became therefore the basis for future dividends to the stockholders?

A. It did and it gave the public the appearance afterward of their not earning so much dividend on their actual capital.

Q. Could you state the amount of dividends paid upon the capital so increased in the year 1863?

A. Yes, sir; $200,000, twenty per cent. on their then million.

Q. That would be what per cent. on the real capital invested?

A. Twenty-six and sixty-six one hundredths per cent.

Q. The next year they paid thirty per cent. on the million, which was what per cent. on the actual capital invested?

A. Forty per cent.

Q. In 1864 what would it be?

A. In 1865 they paid $500,000 on the million, or fifty per cent.

Q. What per cent. on the actual capital?

A. Sixty-six and two-thirds per cent.

Q. Take the next year?

A. They paid $900,000 dividend or ninety per cent. on the million.

Q. What per cent. on the actual capital?

A. One hundred and twenty per cent.; then in 1867 they paid $700,000 or seventy per cent. on the capital of $1,000,000.

Q. That is what per cent. on the actual capital?

A. Ninety-three and one-third per cent.

Q. Take the next year?

A. In the years 1868, 1869, 1870, they paid fifty per cent. on their million each year; sixty-six and two-thirds per cent. on the cash capital; May 31, 1871—the first five months of 1871—they paid a cash dividend of $450,000 and transferred then $3,000,000 as well.

Q. That would be what per cent?

A. About one hundred and thirty-eight and one-half per cent. for five months per annum, on the cash capital.

Q. What was done in 1871

A. On June 1, 1871, the company reorganized with a capital of $4,000,000.

Q. In that reorganization was any new capital stock contributed?

A. Not in cash.

Q. Was there in anything; if so, what and from what source?

A. The capital stock was increased at that reorganization from the $100,000 which it stood at previously to $4,000,000 by writing up an appreciation upon all their property to their profit and loss and writing there, say a stock dividend of $3,000,000 the credit of the capital ac-

Q. What was the practical effect of that operation; what does it mean?

A. Well, a sort of raising the wind out of nothing; it is practically creating a capital out of profits in reality.

Q. Now, then, your reasons?

A. According to their books they have a full history of how they created this capital; it comes out of their books; I have the statement before me in this way: In round figures the balance of profit and loss at that time was $925,000; they transferred sundry accounts, such as deterioration, and also, some profit on stock and United States bonds and then appreciated their properties; for instance, their real estate at the works beyond the original costs, $873,500, and their Hester street property $60,000, and their buildings and apparatus $1,208,946, that raised the credit of their profit and loss account to nearly $4,000,000, from which they transferred the $3,000,000 before referred to; now, with regard to the reason why could they do this, the methods they used in keeping their accounts previously by writing to the debit of profit and loss to the credit of appreciation account, and so lessening the actual cost of their property, amounting to such a sum that enabled them to write it back again, and reinstate the property at something like what it cost; and the effect of it is, of course, that it all came out of profits, so that the $3,000,000 came out of profits.

Q. And the profits came out of the consumer

A. Certainly.

Q. What was done next after that; now we have got a new capital, without any addition of stock, without any contribution of stock from shareholders; you have now the capital set down at $4,000,000?

A. Yes, sir.

Q. And thereafter that became the basis upon which a per cent. of dividend was declared—a new basis?

A. Yes, sir.

Q. What dividend was declared?

A. From June 1, 1871, to the consolidation, and adding thereto a dividend of $40,000, which the Consolidated Company paid, they declared and paid cash for dividends in the thirteen years of $6,760,000 on the $4,000,000 of capital.

Q. Are you able to state what annual rate of dividends that would be upon the stock actually, put into the concern, viz. $750,000?

A. The dividends paid in those thirteen and one-third years will average on the $750,000 cash at the rate of sixty-six and two-thirds per cent. per annum.

Q. On the nominal capital, viz., $4,000,000, it would be then what per cent.?

A. About twelve and one-half per cent. on the nominal capital.

Q. Then they actually received twelve and one-half per cent of dividend on the nominal capital, or sixty-six and two-thirds per cent. on the actual stock capital paid in by the stockholders in cash?

A. Yes, sir; that is correct.

Q. It doesn't make any difference either to the consumer or the gas companies whether the one pays and the other receives sixty-six and two-thirds per cent. upon the actual investment, or twelve and one-half upon the nominal stock?

A. It is one and the same thing.

Q. If in that consolidation they had doubled the stock, called it $8,000,000, the apparent per cent. of profit would, of course, have been about six and one-quarter per cent?

A. Yes, sir; it is a fact; the New York Company did double the stock.

Q. That four million stock of the New York Company was increased to what by the consolidation in 1884?

A. Seven million five hundred and sixty thousand dollars.

Q. Nearly doubled this time?

A. Yes, sir.

Q. Was any new capital stock paid in by the stockholders of the company in that consolidation?

A. Oh, no; not at all; it represented the property of the New York Gas-light Company that was turned over to the Consolidated.

Q. So that the actual cash paid in by the shareholders not derived from the natural increase of the property still remained what sum?

A. Seven hundred and fifty thousand dollars.

Q. So that now they are in effect in this consolidation, the New York Company receiving a dividend upon a nominal capital stock of how much?

A. Seven million five hundred and sixty thousand and that is nearly ten times the amount of cash actually paid into the concern by the stockholders except as it comes from profits. It is nearly ten times.

Q. So that a dividend of six per cent., now upon that stock would be, in effect, a dividend of what per cent. upon the capital stock actually paid in of $750,000?

A. Nearly ten times as much.

Q. Namely, about sixty per cent?

A. Yes, sir.

Q. As a matter of fact, did the New York Company transfer to the Consolidated Company all of this property?

A. It did except the few remaining surplus assets.

Q. Those amount to about how much?

A. After satisfying their current liabilities about $86,000, $40,000 of which was paid in dividends by the Consolidated Company.

Q. On their account?

A. Yes, for them. That should be seventy and one-half per cent.; it is more than sixty per cent.

Q. The actual dividend declared this year by the Consolidated Company is what per cent. upon the nominal capital?

A. Seven per cent.

Q. Now, so far as the stockholders of the New York Company are concerned, that is really what per cent. upon the share capital paid in by the stockholders of that company and representing their investment so made?

A. On their stock capital of $7,560,000 in the Consolidated they received a dividend this year of $529,200 or seven per cent., but upon the cash capital originally paid in of $750,000 it is seventy and one-half per cent.

Q. Can you state how the subject of depreciation has been treated in the accounts of the New York Company so as to form any conclusion from those accounts in respect to the extent of expenditure for current repairs and keeping the works in good order or of the amount to be allowed for such purposes by way of depreciation?

A. Not accurately, I cannot, for the reason that fifty years ago this company did not keep their books in the same accurate condition that they do now. I think the best guide of that will be my accounts for last March for the ten years.

Q. Have you any reason to indicate a data useful to forming an opinion upon this subject different from the data exhibited in the amount ending in the ten years ending 1884 which was compiled by you last spring?

A. I think the accounts I compiled last spring are accurate; putting the totals against the cost of works, it is about twelve per cent. for the New York Company, and they are all about alike; repairs to the apparatus and works which they have raised and put to that particular account, the aggregate is about $2,750,000; furthermore, there is a depreciation account which was also charged with some of these repairs which I cannot very well get at; this depreciation account, as I before told you, although it was called such, it was really an account for no other purpose practically than to hide away some of the profits until the opportunity came for them to increase the capital stock from it; they did not spend all this depreciation account; there was a great deal more put to it than was actually necessary, and, therefore, it comes down to my previous remark when I explained how the $7,000,000 was raised, that this depreciation account, a great part, was nothing else but surplus profits; the New York Company kept their account within the period of fifty years in about half a dozen different methods; it would be great labor to get that accurate, but still it all comes down to the same point; you cannot get over the fact that the New York Company benefited in capital stock and cash dividends for the $750,000 that they paid in; they benefited in sixty-one years from two sources, $22,171,336.69—that

is actually the amount; there is no getting over that point, but the details of how they treated the inside figures could be by great labor got at.

J. YALDEN, being duly recalled, testified as follows:
Examined by Mr. TREMAIN:

Q. You are prepared to give the evidence of the Municipal and Knickerbocker Companies?

A. Yes, sir. The above companies were organized in the year 1876 and subsequently merged and operated under one management up to the time of the consolidation, on November 11, 1884.

The Knickerbocker Company was formerly the Union Gaslight Company and passed into the hands of a receiver. It appears that the works of the Knickerbocker Company were partly built and completed from funds supplied by the Bayard estate, and the advances for that purpose amounted to about $1,200,000, which was secured by the lease between the Municipal and Knickerbocker Companies provided for the guarantee for the payment of interest and principal upon the $1,200,000 in bonds. At the same time the Knickerbocker Company stock was purchased by the Municipal for $50,000 in cash, the latter company transferring in trust the whole of its shares capital, viz.: 15,000 shares, at $100, representing $1,500,000 of stock.

The Municipal Company was incorporated July 7, 1876, with a capital of $500,000, and commenced operations by issuing 3,500 shares of stock, at par value, of $350,000, to Mr. R. M. C. Graham, in consideration of the purchase of the New York Oxygen Gas Company. Of this $250,000 was returned to the treasury of the company, to be sold and used as working capital, leaving the actual cost to the company of the property acquired $100,000. The $250,000 stock was disposed as follows:

Cash	$215,300
In payment of expenses	8,900
Discount on stock sold below par	25,800
Making a total	$250,000

And $150,000 of stock was issued to Mr. E. Stearns, agent, in purchase of a certain patent-right, known as the De Motery patent, and this transaction, with the stock issued to Mr. Graham, completed the entire issue of the original $500,000. Of stock, in 1877, a further increase of $1,000,000 was made on the capital stock, of which $800,000 was paid in cash and $200,000 paid for the purchase of patents; and in 1879 a further issue of $500,000; and in 1880 a further issue of $1,000,000, both of which were paid in cash, making the total issue of capital $3,000,000.

The particulars of the capital account are detailed in "D 1."

To enable this company to provide additional capital for its plants and works, an issue was made in 1877, of $750,000 in bonds; $390,000 were sold for cash, and the balance, $360,000, was deposited as security for the purchase of real estate and other property, and of these bonds there remained at the time of the transfer to the Consolidated $291,000, the liability of which was assumed by the Consolidated Company.

In the last issue of $1,000,000 of stock, in 1880, there was included a subscription by the Bayard estate of three thousand five hundred shares, amounting to $350,000, a check for which was paid the company on March 16, 1880. The history of this transaction appears to be that the Knickerbocker Company had instituted a suit against the Municipal Company for damages for the non-fulfillment of a certain contract, which action was settled by payment to the Bayard estate on the 16th March, 1880, of the sum of $300,000 and the $50,000 before referred to for the purchase of the Knickerbocker stock, making a total of $350,000 capital; a check by the Bayard estate for $350,000 concurrently paid to the company as a subscription for the 3,500 shares so issued. This stock appears by the register of stockholders to have been subsequently transferred in part to the shareholders of the original Knickerbocker stock under management between the parties. The above amount of $300,000 for damages was charged to the profit and loss account, and the $50,000 was charged up as an investment for Knickerbocker stock, so that in reality the company had paid damages and invested in the Knickerbocker stock at the expense of their capital account, and the transaction being concurrent, the company in reality parted with no money. In 1880, when the Knickerbocker property was acquired by the Municipal as before stated, the two companies were conducted under one management, and a separate set of books was kept showing the production and profits of each company at their respective works, as likewise the amounts paid out for improvements to works and mains, etc., and the cost of each was provided out of the Municipal funds. The separate profits of the two companies are shown in statement D. — to — and result in a surplus, during the operations of $2,493,543.51 after payment of dividends amounting to $2,806,192.50.

The profit and loss account also contains a credit on June 30th, 1879, of $300,000 paid by the New York Gas-light Company for the right to manufacture gas by the process now in use by the Municipal Company.

The purchase of this patent in the first place was charged up to the purchase of "patent accounts," but the sum received for the right to manufacture from another company was credited up to "income account." The total outlay by the Mu-

nicipal Company for real estate, buildings, works, plant, services, mains, meters, etc., is $4,092,347.86, which was appraised in the Consolidated Company at $5,100,000, leaving an appreciation, including the franchise, of $1,007,652.14. The Knickerbocker Company's outlay for improvements, meters, plant, services, etc., provided for the Municipal amounted to $810,481.15, but the works, the value of which is not brought into the books, were appraised to the Consolidated Company at $3,000,000, leaving an appreciation (subject to mortgage bonds) $2,189,518.85, the total amount, therefore, of the two properties transferred to the Consolidated was $8,100,000, from which deducted for liabilities $1,500,000, leaving a net amount of $6,600,000 of stock issued to the stockholders of the Municipal Company in consideration of the two properties, less the incumbrances.

In reference to the dividend account, page D —, the Municipal Gas-light Company commenced paying dividends in 1879 and for the six years ending 1884, paid to their shareholders the sum of $2,806,192.50, by way of dividends, to which must be added the stock of the Consolidated Company amounting to $6,600,000, making a total of $9,406,192.50.

To this, however, must be added division of assets since the consolidation already paid, $795,000, and a further surplus of about $137,000, making a total amount received and to be received by the stockholders of the Municipal Company for the original capital:

Cash dividends and surplus to be divided.....	$3,738,192 50
And the stock of the Consolidated Company to represent the original investment of $3,000,000	6,600,000 00
	$10,338,192 50
Deduct, amount of stock, capital paid in.....	3,000,000 00
Net benefits received in cash and stock beyond the original investment	$7,338,192 50

As before mentioned, the Knickerbocker stock was bought by the Municipal Company for $50,000, which was charged to an account called "The Knickerbocker stock account." The stock itself, however, was transferred and held in the name of trustees, and arrangements with the old stockholders were apparently made by the subscribers to the Bayard stock of 3,500 shares, a part of the issue of 1880. When the Municipal Company was transferred to the Consolidated Company this stock was divided *pro rata* among the then stockholders of the Municipal Company, and taken at a valuation, to include plant, of $3,000,000, from which was deducted the bonded debt of about

$1,137,000. The shareholders of the Municipal, therefore, were benefited in this transaction nearly $1,863, and by the profits accumulated from the manufacture, less the outlay upon the works and the cost of the stock, about $860,481.15.

Q. Referring to the results of the examination of the accounts of all the constituent companies which you have made and for the purpose of stating totals, have you prepared a summary which will show the total nominal share capital at the time of the consolidation, and how much thereto in all had been contributed in cash, and how much from surplus profits?

A. Yes, I have.

Q. Will your statement also show the total dividends paid in money, and the other total profits in stock of the consolidation as outlined in your testimony, touching the New York and Manhattan Companies?

A. Yes, it will.

Q. Will it also show the total cost of properties entered into the capitalization of the Consolidated Company?

A. Yes, it will.

Q. And can you also state the total amount of the distribution of the assets of the constituent companies, which was made in the shape of extra dividends, or in some other diminution of working capital, in fact, among the old shareholders of the constituent companies?

A. Yes, sir; there is one item, the cost of the property of the Knickerbocker, which is not properly stated perhaps—$800,000—that is not really the cost of the property, but that is all I know that has been spent on it, that there was one and a quarter millions of bonds; presumably those bonds were paid, but I have no means of tracing it.

Q. All you can trace is $110,000?

A. All that I can trace on the books; I have no record to show me any part of the one and a quarter million dollars spent.

Q. At this point I will incorporate in the summary of accounts of the several constituent companies as aboveindicated?

A. Yes, sir.

Q. Before passing from that summary I shall ask you to state in answer to this question the several accounts of properties or assets of the constituent companies that were distributed among their respective shareholders and which did not form a part of the capitalization of the Consolidated Company. I want it by companies.

A. On the Manhattan Company it is not mentioned there, but there is $100,000 which was distributed by the Consolidated Company; the New York, $87,258.19; the Metropolitan, $686,988.17; the Municipal and Knickerbocker, $[illegible]2,842.63. Those three amounts make a total. There is the Harlem $2,000 which the Consolidated paid for.

Q. Those amount in all——

A. That gives a total of $2,139,089.99 surplus assets and dividends distributed among the stockholders of the constituent companies after the date of consolidation. Four hundred and thirty-two thousand dollars of that was paid by the Consolidated Company by way of dividends for the Manhattan and Harlem Company and the remainder collected and distributed by the companies themselves.

Q. So that, as a matter of fact, instead of the actual capital or properties of the Consolidated Companies being greater, in fact, than the aggregate of the entire properties of the constituent companies, the total properties of the Consolidated Companies are less by the sum of $2,139,089 than the total actual properties of the constituent companies as they existed prior to the consolidation and at the time of the consolidation. That is the fact, is it not?

A. Yes. The $2,139,089 is practically the working capital of the constituent companies at the time of the consolidation, for this reason, that the companies turned over nothing else to the Consolidated Company but their plant and properties, services and mains; and, although they had turned over their liquid assets, such as coal and supplies, customers, balances, etc., they were collected by the Consolidated Company for the account of the respective companies, and paid away in part for their account or paid for to them in cash.

Q. At all events, the actual assets were so distributed among the shareholders of the constituent companies as to result in a diminution of total assets in the consolidation below what they were in the constituent companies by exactly that sum of $2,139,089?

A. It resulted in a diminution of the assets of the constituent companies certainly, which were not turned over to the Consolidated Company.

(By the CHAIRMAN:)

Q. The Consolidated Company had less assets than the constituent companies had at the time of consolidation by $2,139,089?

A. Yes, sir, decidedly.

Q. Have you got total of your summary so that you can answer the following questions; the total nominal share capital of the constituent companies at the time of the consolidation was what?

A. The total capital at the time of the consolidation of the whole of the companies?

Q. Yes.

A. Not including $1,500,000 for the Knickerbocker, $15,500,000 exclusive of that of the Knickerbocker.

Q. Of that amount what was the total, by your testimony, already delivered, as found by the books to have been actually in cash capital?

A. Eight million seven hundred and twenty-seven thousand and fifty dollars; that is the actual cash capital paid in.

Q. What did you find to have been the total of such share capital contributed from surplus profits?

A. Four million two hundred and eighty-four thousand and seven hundred dollars.

Q. What do you find to have been the total of that share capital that was issued for the property?

A. Two million four hundred and eighty-eight thousand and two hundred and fifty dollars; those three items make $15,500,000; I think I will make one correction in the Harlem in that amount of $4,284,700; that includes $200,000 of the Harlem which they created by increasing the cost of their property without any value whatever.

Q. For this $200,000 of increase there was a nominal entry made in the books?

A. Yes, sir.

Q. And stock for it created?

A. No, sir; the stock had been created but went to help pay what it ought not to pay.

Q. It helped go to pay what ought not to have been paid because of calls on the stock?

A. Yes, sir; it showed a fictitious payment of capital stock.

Q. Including that item and the three items you have stated make the total $15,500,000, the nominal share capital of those companies?

A. Yes, sir.

Q. What is the total amount of dividends in money that you found to have been paid?

A. Paid by the respective companies, the constituent companies, in cash, $56,741,613.27.

Q. What do you find to have been the profits in excess of those dividends represented by stock now outstanding?

A. That is, you mean the difference exactly in the two stocks?

Q. Yes.

A. The difference of the old stocks in the constituent companies and the stock of the Consolidated representing the sum as $20,970,000.

Q. Now, what are the total benefits?

A. Seventy-nine million four hundred and eighteen thousand seven hundred and three dollars and twenty-six cents.

Q. How did you arrive at that?

A. That is the total cash dividends paid; the difference between the value of Consolidated stock at par and the par value of stock in the constituent companies, and the surplus assets

they have divided since the consolidation, and—the latter amounting to $1,707,089.99, therefore the companies have this seventy-nine and a half million dollars, and in addition thereto, par value of stock in the Consolidated Company equivalent to the stock in the original companies.

Q. In addition to those benefits amounting to $79,418,700 the stockholders retain, do they not, respective shares of stock in the Consolidated Company amounting to $15,500,000?

A. Yes, sir.

Q. So that the total benefits in stock and accretions to the shareholders, including their original investments, was how much?

A. About $95,000,000.

Q. Did you have before you the original returns made to the tax office for the Knickerbocker Gas-light Company from 1877, to 1884, inclusive?

A. Yes, I did last spring.

Q. Are the following true extracts from those returns?

A. Yes, sir.

By Mr. TREMAIN: They are extracts from the return of 1877: "The company has not done any business as yet; works not yet completed; no actual value to the stock over real estate."—1879. "The company has not done any actual business as yet; the works not yet completed; no actual value to the stock over real estate."—1880. "Stock of the company is of nominal value only beyond its real estate; this process for manufacturing gas is of no practical value, having been tested and its use has been discontinued; the liabilities outstanding as above stated reduce the value of the capital stock to the extent stated, and make its value only that of the real estate. The company is the successor of the defunct Union Gas-light Company which failed"—1881. "The Company's stock is only of nominal value beyond its real estate. This company is the successor of the defunct Union Gas-light Company which failed, and its works are not now in operation—1882. "The capital stock of the company is only of nominal value beyond its real estate; the company is the successor of the Union Gas-light Company which failed, and its works are not now in operation"—1883. The capital stock of this company is only of nominal value beyond its real estate; this company is the successor of the Union Gas-light Company, which failed. "This company has leased to the Municipal at a rent of less than the interest on its indebtedness"—1884. "The capital of this company is only of nominal value beyond real estate. This company is the successor of the defunct Union Gas-light Company, which failed. This company has leased to the Municipal at less than the interest on the indebtedness."

Q. You have before you the sworn returns when these extracts were made?

A. Yes, sir.

Q. You may give us evidence with regard to the Harlem?

A. Yes, sir. This company was incorporated in 1855 under the act entitled "An act to authorize the formation of gas-light companies," passed February 16, 1848, and during the first year of its existence, issued and received payment for $85,000 of stock. Within the succeeding four years it issued further capital to the amount of $262,900 of which $150,950 was issued in payment for construction and works. By subsequent issues at different periods the total stock capital was brought up to $2,000,000, of which $1,569,050 was paid up in cash, $150,950 was issued as above in payment for construction and works, $200,000 was credited by appreciation by resolution of the board, May 21, 1866, and $80,000 was issued in July, 1864, by way of scrip dividend.

The particulars of the foregoing are shown by the capital account, pages E, 1 C and 2 C. In 1875 $150,000 in bonds bearing interest at seven per cent. per annum, payable one-half yearly were issued and subscribed for, and in 1879 a further $20,000 were taken up, making a total bonded debt of $170,000.

The company did not enter upon active business until the early part of 1857, and the results up to the time of their amalgamation with the Consolidated Gas-Light Company are shown in yearly and five yearly periods by the analysis of the profit and loss account, pages 3 C to 7 C.

An examination of the figures contained in the above-named analysis will show that the company during the twenty-seven years of its active business paid to its stockholders dividends to the amount of $2,329,917.25 (inclusive of the $80,000 scrip), and paid interest regularly on their bonds.

From the statement headed "Current Capital Account," pages 11 C to 14 C, it will be noted, that this company, whilst always commanding a steady business had not at all times ample capital at command. This arose to a great extent from a very large portion of the business of the company being the public lighting, which returned but a bare profit, if any, on the cost.

The rate of dividends paid by this company has at no time been excessive, averaging in many years considerably below ten per cent. (See Capital and Dividend Account, pages 15 C and 16 C.)

The transfer of this company's property to the Consolidated Gas-light Company was effected at an appreciation of (in round figures) $1,313,000, in the real estate, building, retorts, plants, mains and services, and the franchises and rights were charged up at $469,082.54. (For further full particulars of this, see

Particulars of Sales to Consolidated Gas-light Company, page 8 E.) The statement shows $3,000,000 Consolidated stock issued, the actual amount of stock received, however, approximated $2,830,000—$170,000 being retained by the Consolidated Gas-light Company, on account of liability assumed by them of the $170,000 bonds of the Harlem Gas-Light Company, which have since been paid off by the Consolidated Company.

From the foregoing, and by reference to the annexed tabulated statements it will be seen that in a condensed form the following figures give particulars of total cash and capital investments and profits derived therefrom by the stockholders of the Harlem Company by way of dividends, and by sale under the Consolidated scheme to the Consolidated Gas Company.

Total capital subscribed in cash, and issued for construction (cash)		$1,720,000 00
Issued by appreciation		200,000 00
Issued by scrip dividend		80,000 00
Total		$2,000,000 00
Total dividends paid to stockholders, as per account page , exclusive of $80,000 scrip dividend		$2,249,917 25
Increased valuation beyond stated value of real estate, plant, mains, services, etc., in books of Harlem Company, and the appraisement to Consolidated Company:		
Balance of separate account		1,243,986 97
Appreciation	$1,312,733 98	
Franchises	469,082 54	
		1,781,816 32
		$3,025,803 49
Liabilities assumed by Consolidated Company:		
Bonded debt	$170,000 00	
Sundry liabilities	168,705 93	
	$338,705 93	
Deduct value of customers' accounts, coal, tools, stores, materials, coke, cash assets, etc	142,902 44	
		195,803 49
		$2,830,000 00

This being the amount of stock issued by the Consolidated Company, viz.: $3,000,000, as shown by statement page , less liability of $170,000 assumed by the Consolidated Company on account of the bonded debt of the Harlem Company hereinbefore referred to.

The stockholders of the Harlem Company have therefore received for their original investment of $1,720,000 represented by stock of $2,000,000,

Dividends	$2,249,917 25
Consolidated stock as above	2,830,000 00
	$5,079,917 25
Deduct cash paid for stock	1,720,000 00
	$3,359,917 25

Received in cash and stock of Consolidated Company for the original investment.

The foregoing gives a succinct history of the constituent companies of the Consolidated Company, and on page H 1 I give a tabulated statement showing the various capital accounts, the benefits to be. On reference to this statement it will be seen that the total benefits derived by the stockholders from their investment have been, in cash dividends, surplus assets, and stock in the Consolidated Company $79,118,703.26, and in addition thereto the equivalent of the original stock of the new company.

On page H 2 are shown the assets and liabilities transferred by the constituent companies to the Consolidated Company, but collected on their account and liquidation of the current liabilities at the time of the transfer.

It therefore shows that the constituent companies really paid back to their stockholders the working capital of their separate concerns, which in the aggregate amounted to (say surplus assets	$1,707,089 99
Dividends paid for the Manhattan and New York Company included under that head	440,000 00
	$2,147,089 89

The various constituent companies were organized in the Consolidated Company at a par value of $39,078,000, which represents, according to the following schedule, the valuation and appraisement of the real estate, mains, service, etc., and other properties and franchises.

	New York.	Manhattan.	Metropolit'n.	Municipal.	Knicker-bocker.	Harlem.	Total.
Street mains, valves, etc.....	$950,000	$1,083,000	$971,000	$749,000	$744,000	$720,000	$5,217,000
Meters	215,000	367,000	273,000	158,000	69,000	113,000	1,195,000
Services	127,000	350,000	233,000	103,000	81,000	111,000	1,005,000
Plant	2,874,000	3,623,000	2,044,000	1,804,000	980,000	826,000	12,151,000
Real Estate	1,607,000	3,563,000	1,474,000	889,000	480,000	604,000	8,617,000
Bulkheads, piers and water rights.....	250,000	425,000	300,000	200,000	115,000	100,000	1,390,000
Office buildings	100,000	175,000	.....	.....	.....	50,000	325,000
Office furniture	15,000	20,000	12,000	16,000	2,000	5,000	70,000
Laboratories, photometer rooms, etc....	5,000	5,000	5,000	6,000	1,000	2,000	24,000
	$6,143,000	$9,611,000	$5,312,000	$3,925,000	$2,472,000	$2,531,000	$29,994,000
Rights, franchises, etc.	1,417,000	2,329,000	1,863,000	1,175,000	528,000	469,000	7,781,000
Totals	$7,560,000	$11,940,000	$7,175,000	$5,100,000	$3,000,000	$3,000,000	$37,775,000

Furthermore, a certain amount of stock was reserved by the Consolidated Company, amounting to $1,303,000, to be hereafter sold to provide working capital, and a sum of $2,329,000 was also reserved from such valuation of $37,775,000, to be disposed of from time to time in providing for the current obligations and bonds of the various companies.

This stock had not been disposed of at the time your committee commenced its labors, but some of the liabilities had been paid, viz.:

The bonds of the Harlem Company	$170,000 00
Notes of the Knickerbocker Company	450,000 00
Total	$620,000 00

Q. State the cost of the real estate of the Harlem without any structure upon it?

A. One hundred and fifty-eight thousand eight hundred and ninety-nine dollars and eighty-one cents.

Q. State the cost of the plant?

A. Cost of the buildings, retorts, bulkhead and plant, $557,418.10. The cost of meters, $123,895.31. Those were inventoried for less in the appraisement to the Consolidated by $2,649.44 less than this amount.

Q. It is the only instance of under valuing, you think, in the appraisement?

A. Strictly speaking, yes.

Q. I forgot to ask you what was the cost of the New York Company's real estate?

A. The first cost I could not give you of the real estate unless I went back to the books of fifty or sixty years ago. The real estate cost on the reorganization of the company in 1871, about one and a quarter millions, that is to say, it cost according to the reorganization.

Q. That includes an appreciation?

A. Certainly.

Q. You mean it is taken by the new company at that estimation?

A. Yes, in the reorganization.

J. YALDEN, being duly recalled, testified as follows:

Examined by Mr. TREMAIN:

Q. Mr. Yalden you are prepared to give evidence with regard to the Equitable Gas-Light Company?

A. Yes, sir. This company was incorporated in 1882 with an authorized capital of $2,000,000, which was subsequently increased to $3,000,000; it commenced business in 1882 by the purchase of the patent rights belonging to Mr. Jermanansky for $1,000,000 in fully paid shares of the capital stock of the company; Mr. Jermanansky then donated $500,000 of this stock

to the company for the purpose of providing working capital to build works, etc.

This stock was all sold at par, and paid for in cash.

In addition to the above items $190,000 in shares were issued at par in part payment on contract for the erection of works.

The remainder of the capital, $2,310,000, has all been subscribed for, payable in installments, on account of which $1,742,247.68 has been paid in cash up to November 30, 1885, $432.32 interest allowed on anticipated payments, leaving a balance still to be paid in of $567,320.

The company has issued besides $1,000,000 in coupon bonds, and owes on mortgage on its real estate and works the sum of $400,000, making the total capital upon which it is at present operating $3,832,680. On the first of November, 1885, to which time the accounts were taken out, this item stood at $3,737,865.

The investments for works, etc., against this capital including the $500,000 for patents, amount to $3,381,850.10, and the difference is made up of cash in bank, value of materials on hand, and bills against consumers, due and unpaid, amounting to $350,614.90. Of this sum, however, considerable amounts are being expended for real estate (over $500,000) to provide additional works to increase production.

The company did not commence to produce and distribute gas until the month of December, 1884, and has sent out during the eleven months about 253,118,800 cubic feet and is now producing a maximum of about 2,500,000 cubic feet per diem.

The Equitable is apparently bound to be a very profitable concern for the following reasons: The expenditure and income account, after charging against it all the interest paid, the commissions on the sale of stock and office expenses, and the legal expenses pertaining to the formation of the company, salaries, labor, allowances and taxes up to date nearly balances. There is practically a deficiency up to November 1st of about $34,000, but against that they have sent out gas from the 15th to the 30th of November which will eventually be credited. So, I think it can be fairly stated of the gas sent out to their customers, there is about $335,000 worth. The profit on it, together with the gas that can be estimated from the 15th to the 30th of November, can be fairly stated to have paid not only the work and expense of cost of the gas, but of the expense for the formation of the company; so practically the Equitable Company to-day is beginning, as it were, with a clean sheet and must, at the present prices, commence to make a great deal of money. The statement I make to show that gas at $1.75 and $1.50, the prices of the Equitable, can be made by that company and show a very considerable profit on the capital invested. I think their profit will average at least with this two and a half million maximum at least forty cents per thousand feet net profit for the company, on an average price of $1.60.

Q. One dollar and twenty-nine cents for the actual cost for making and distributing the gas; the forty you mean is for the first years doing business?

A. The expense of making their gas to-day is about forty-six cents, their distribution sixty-four cents; the repairs ten cents per 1,000; taxes ten cents per 1,000.

Q. It is based upon last year's experience?

A. Yes, sir; that would leave them about forty cents profit.

Q. What about leakage?

A. Next year the presumption is that the leakage will be less and the profit more and the next year's business will be increased and the expense correspondingly less. I qualify my remarks. Here is $335,000 worth of gas charged up to consumers in this period. Here is about the same amount of expenses charged against the consumers, but it is inclusive of all the expense for the formation of the company which Graham has testified was $200,000.

Q. So far as the estimate for the year past is concerned, they are all included?

A. Yes, sir; but I am qualifying my remarks for the actual facts of this past year.

Q. So that while they have sold gas for one year they have paid the expense practically for two years?

A. Yes, but their expense account against that gas included all the expense for the formation of the company.

Q. I suppose the accounts show what that preliminary expense includes?

A. Not separately shown; it shows there is nearly $17,000 for leakage expenses.

Q. Have you got anything to indicate what are the items comprising that total of $250,000?

A. No.

Q. An estimated sum to cover preliminary expenses?

A. No, sir; I could tell you nearly what they are.

Q. The subject matter?

A. Interest chargeable from the first day, commissions on sales of stock, office expenses and the legal expenses, and the inspectors for the city and advertising, and taxes; they will amount to $260,000 or $270,000, a good portion of which was spent before they commenced to make and distribute gas.

Q. Many of those items it would seem should be charged to the appropriate accounts to which they relate, should they not?

A. Well, no; I should not say that, not unless they could be held to be a part and parcel of the investment; it should be treated as I before stated.

Q. Was capital stock issued for it?

A. No; not in every instance; the real estate has been paid for wholly in cash.

Q. How, in your opinion, should such an item be treated, as a part of the capital or an expense over one year or more?

A. I am of the opinion that all the expense attending the formation of the company for which there is really no representative value, should form an item of expense to be distributed over a series of years and chargeable yearly against the profits until obliterated; and for the sake of argument, say the one-tenth every year for ten years and not deducted out of the earnings of the first year.

Q. Is it not true that because of the primitive condition of the Equitable business an increase of business that you cannot calculate from their books at what price they could, during the ensuing year, sell gas, and, at the same time, retain for themselves a profit of, say ten per cent. on their investments?

A. It is difficult.

Q. And for the reason stated?

A. It is difficult; the business of the Equitable is increasing very fast and you cannot form an estimate of their income; the records of the Equitable show that the chances were of selling, for the month of December, 60,000,000 feet of gas; but by reason of the Flood Rock explosion injuring their gasometer they had to stop and put in meters and so decreased their index quantity.

FIFTH AVENUE HOTEL,

NEW YORK, *December 21st*, 1885.

Committee met pursuant to adjournment.

Present: Hon. John I. Gilbert, Chairman, Hon. Thomas Robinson, Hon. Michael C. Murphy.

Henry E. Tremain, Esq., appears as counsel to the committee.

APPENDIX "E."

SUMMARY STATEMENT OF THE CAPITALIZATION OF THE CONSOLIDATED COMPANY AND ITS CONSTITUENT COMPANIES AS TAKEN FROM THEIR BOOKS BY THE EXPERT.

NO. 51 BROADWAY, NEW YORK, *March* 13, 1885.

To the Honorable Committee of the Senate, New York:

GENTLEMEN: In accordance with your instructions to investigate the accounts of the several gas companies in New York city, I have the honor to report as follows:

My attention has been particularly directed to the accounts of the following companies: The Manhattan Gaslight Company, the Metropolitan Gaslight Company, the New York Gaslight Company, the Harlem Gaslight Company, the Municipal Gaslight Company, the Knickerbocker Gaslight Company, the New

York Mutual Gaslight Company, and as far as practicable, I have extracted therefrom the statistics as to quantities and cost of gas, the expense of distribution, profits, etc., and capital employed; the full particulars of which are fully detailed on the statements herewith (pages).

In many cases it has been possible to gather the information very fully for the period of ten years, from 1875 to 1884 inclusive, but in the cases of the Municipal and Knickerbocker only for the period while the former has been in existence, and in the latter company from the time it became amalgamated with the Municipal, and in these cases, as separate books were kept, they are shown separately.

A summarized statement for the ten years of five of the companies which have operated, is shown on pages

A summary of the operations of the various companies for the year 1883, is also shown on pages

On the 11th of November, 1884, all the companies before named excepting the New York Mutual Gaslight Company were organized under the name of the Consolidated Gaslight Company, with a capital of..... $45,000,000

By reason of the Mutual not joining in the consolidation, the amount was reduced by..... 5,922,000

Reducing the original amount of stock to..... $39,078,000

Of this there was apportioned to the various companies in payment of their plant, works, real estate, franchises, etc..... 37,775,000

Reserving for working capital..... $1,303,000

The following gives the details of the valuation:

	New York.	Manhattan.	Metropolit'n.	Municipal.	Knicker-bocker.	Harlem.	Total.
Street mains, valves, etc.	$950,000	$1,083,000	$971,000	$749,000	$744,000	$720,000	$5,217,000
Meters	215,000	267,000	273,000	158,000	69,000	113,000	1,195,000
Services	127,000	350,000	233,000	103,000	81,000	111,000	1,005,000
Plant	2,874,000	3,623,00	2,044,000	1,804,000	980,000	826,000	12,151,000
Real estate	1,607,000	3,563,000	1,474,000	889,000	480,000	604,000	8,617,000
Bulkheads, piers and water rights	250,000	425,000	300,000	200,000	115,000	100,000	1,360,000
Office buildings	100,000	175,000	.....	.....	.....	50,000	325,000
Office furniture	15,000	20,000	12,000	16,000	2,000	5,000	70,000
Laboratories, photometer rooms, etc.	5,000	5,000	5,000	6,000	1,000	2,000	24,000
	$6,143,000	$9,611,000	$5,312,000	$3,925,000	$2,472,000	$2,531,000	$29,994,000
Rights, franchises, etc.	1,147,000	2,329,000	1,863,000	1,175,000	528,000	469,000	7,781,000
Totals	$7,560,000	$11,940,000	$7,175,000	$5,100,000	$3,000,000	$3,000,000	$37,775,000

The Consolidated Company having assumed the liabilities of the several companies, the issue of stock to the various stockholders of the old companies was further reduced by the amount of such debts, and finally adjusted at $35,430,060, as follows:

Companies.	Gross value of property.	Deduction for debts.	Amount of stock to be issued.	Amended amount of stock issued per journel, fol. 21.
New York	$7,560,000	$6,600	$7,554,000	$7,560,000
Manhattan	11,940,000	.....	11,940,000	11,940,000
Metropolitan	7,175,000	688,000	6,487,000	6,500,000
Municipal	5,100,000	328,000	4,772,000	6,600,000
Knickerbocker	3,000,000	1,137,000	1,863,000	
Harlem	3,000,000	170,000	2,830,000	2,830,060
Totals	$37,775,000	$2,329,000	$35,446,000	$35,430,060

The following statement will show the capital stock of the old companies, and the value of the stock in the Consolidated company given in exchange therefor:

Companies.	Capital stock.	Capital stock in the consolidated company.	Proportion of new stock to old stock
New York	$4,000,000	$7,560,000	189
Manhattan	4,000,000	11,940,000	298½
Harlem	2,000,000	2,840,000	*142
Metropolitan	2,500,000	6,500,000	260
Municipal	3,000,000	4,750,000	158⅓
Knickerbocker	1,500,000	1,850,000	123⅓
	$17,000,000	$35,440,000	

The Knickerbocker company was purchased by the Municipal Company in 1880, which assumed its assets and liabilities, and although the works of each appear to have been since carried on separately, and distinct accounts kept, the books of the Consolidated company show an issue of stock of $6,600,000, in satisfaction and presumed payment of the value of the combined properties.

The original stock of the Knickerbocker Company, 15,000 shares ($1,500,000), is held as follows:

By Chas. G. Francklyn, Oswald Ottendorfer, Harrison E. Gawtry, Philip Allen and Henry Day, as trustees	14,995 shares
And one share in each of the names of the separate trustees	5 shares
	15,000 shares

but there are liabilities of the company on bonds of about $1,150,000.

The books of the Knickerbocker prior to 1880 not being forthcoming, I am unable to state more fully the status of the company.

The results of my examination, given upon the accompanying sheets, pages —, have been extracted from the various companies' books as the accounts are made up, with the intention of showing the cost and expense of distribution of gas, and other matters pertaining to the income and expenses of the several companies, and to conform with the amount of profits made, and either paid as dividends or accumulated to the credit of profit and loss account.

The real estate and other property, works, plant, etc., accounts as standing on the books of the companies have not yet been examined, nor can I yet report in what way or manner the investments were originally paid for. It may be said that in most cases the appraisement for the transfer of the properties to the new company in excess of these figures—independently of the franchises, $7,781,000—and pending further investigation it cannot be reported whether the various accounts have borne their proper depreciations by repairs or reserving a certain sum from revenue yearly.

The working capital employed by the various companies have been taken at the amounts standing on the books as shown on the statements, but while adopting these figures as a basis, some question may arise whether it is not excessive by reason of investments for real estate, etc., not actually required for the purposes or conduct of the business.

Respectfully submitted,

J. YALDEN.

DEFENDANT'S EXHIBIT AA50

for ident. in Ev. Jan/3/19

M. G.

Agreement made this 23rd day of July A. D. 1908 between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Bronx Gas & Electric Company, Westchester, New York party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part the number of gallons of Gas Oil, 34 gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning July 23, 1908 and ending when the full quantity is taken such supply to be two million (2,000,000) gallons.

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of three and one tenth (3.1) cents per gallon delivered in tank Boats at Unionport, N. Y.; such deliveries to be made as the business of the second party may require and as they in writing order.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously, until the full quantity is taken.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice, interest at six (6) per cent. thereafter, funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein

STANDARD OIL COMPANY OF NEW YORK.
A. M. HIGGINS CO.
Manager, Naphtha Department
BRONX GAS & ELECTRIC COMPANY
By E. H. RISENGENT, *Pres.*

N. Y. Public Service Commission, 1st Dist.
Order No. Date 1/7/16
Case No. 651
Commission's Exhibit No. 114
C. G. ALLEN
Reporter

DEFENDANT'S EXHIBIT AA51

Oil contract, same as Deft's. Exhibit AA87. Not printed here.

DEFENDANT'S EXHIBIT AA52

Oil contract, same as Deft's. Ex. AA88. Not printed here.

DEFENDANT'S EXHIBIT AA53

Jan. 12/20 J H F

FUEL AND GAS OIL CONTRACT

This Contract made and entered into this 9th day of January 1914 between Gulf Refining Company, of Port Arthur, Texas, first party, and The New York & Richmond Gas Co. of Stapleton, S. I., N Y. second party.

Witnesseth—that first party sells and agrees to deliver to second party, and the second party purchases and agrees to receive from first party.

Article—Gas Oil for use in their plant at Staten Island, N. Y.

Quantity—Their 1914 requirements, estimated at 2,000,000 gallons.

Price—4.37½¢ per gallon for Gas Oil Distillate, 30/32 Gravity, or 4.25¢ per gallon for 30 Gravity Reduced I. T. Crude Oil, both f. o. b. Second party's plant Staten Island, N. Y.

Delivery By Barge in lots of not less than 100,000 gals. unless otherwise agreed upon. Deliveries to be in approximately equal monthly quantities.

Time—Between January 9th 1914 and December 31st 1914. Five days' written notice to be given representative of first party at Battery Park Bldg. New York, N. Y. before each shipment is required.

Payment—Payment shall be made on the 10th day of each month at first party's Pittsburgh office for all oil shipped during preceding month. The financial responsibility of second party must at all times be satisfactory to first party, or shipments may be suspended, and in case second party shall fail to pay any draft drawn by first party for bills due, first party, if it so elect, may cancel and terminate this contract.

Demurrage—Second party agrees to unload cars without delay and any demurrage accruing to be paid by second party.

Conditions—The first party agrees to pump oil from the barges to ———— reservoir of the second party. Liability of first party ceases when shipment is delivered to Railroad Company. In case of strike, fire, failure of railway or vessel service as public or private carriers, or any act of God or providential cause happening to either party to this contract, the suffering party may at its or their option, suspend terms and conditions of this contract, for a reasonable period, and no liability for damages shall attach against either party on account thereof.

This contract to be signed in triplicate by both parties hereto and become effective only when approved by General Sales Manager of first party or his Assistant, and when so approved, duplicate will be forwarded promptly to second party.

Date—This Contract executed this 9th day of January 1914

GULF REFINING COMPANY
By J. W. WILLIAMS
A. G. *Sales Mgr.*
A. G. *District Sales Mgr.*

NEW YORK AND RICHMOND GAS CO.
WM. JOELL

By ————————

Attest:

Approved:
G. R. NUTLY
General Sales Mgr. Gulf Refining Co.

Defendant's Exhibit 54

Fuel and Gas Oil Contract.

This Contract made and entered into this 1st day of July 1914 between Gulf Refining Company, of Port Arthur, Texas, first party, and The New York & Richmond Gas Co. of Stapleton, S. I., N. Y. second party

Witnesseth—that first party sells and agrees to deliver to second party, and the second party purchases and agrees to receive from first party.

Article—Gas Oil Distillate 30/32 Gravity for use in their plant at Staten Island, N. Y.

Quantity—Their requirements, estimated at 2,000,000 gallons for each 12 month period.

Price—3.32½¢ per gallon F. O. B. Second Party's plant Staten Island, N. Y.

Delivery—By Barge in lots of not less than 100,000 gals. unless otherwise agreed upon. Deliveries to be in approximately equal monthly quantities.

Time—Between July 1st, 1914 and June 30th, 1917. Five days' written notice to be given representative of first party at Battery Park Bldg., New York, N. Y. before each shipment is required.

Payment—Payment shall be made on the 10th day of each month at first party's Pittsburgh office for all oil shipped during preceding month. The financial responsibility of second party must at all times be satisfactory to first party, or shipments may be suspended, and in case second party shall fail to pay any draft drawn by first party for bills due, first party, if it so elect, may cancel and terminate this contract.

Demurrage—Second party agrees to unload cars without delay and any demurrage accruing to be paid by second party.

Conditions—The first party agrees to pump oil from the barges to————reservoir of the second party. Liability of first party ceases when shipment is delivered to Railroad Company. In case of strike, fire, failure of railway or vessel service as public or private carriers, or any act of God or providential cause happening to either party to this contract, the suffering party may at its or their option, suspend terms and conditions of this contract, for a reasonable period, and no liability for damages shall attach against either party on account thereof.

This contract to be signed in triplicate by both parties hereto and become effective only when approved by General Sales

Manager of first party or his Assistant, and when so approved, duplicate will be forwarded promptly to second party.

Date—This contract executed this 1st day of July 1914

By

GULF REFINING COMPANY
By J. W. WILLIAMS
A G. *District Sales Mgr.*
NEW YORK AND RICHMOND GAS CO.
WM. STESLY, *President.*
.....
By .....

Attest:
Ex AA 115 M G
Approved:
G. R. NUTTY
General Sales Mgr. Gulf Refining Co.

DEFENDANT'S EXHIBIT AA55

Oil contract, same as Defts' Ex. AA117. Not printed here.

DEFENDANT'S EXHIBIT AA56

Oil contract, same as Defts' Ex. AA116. Not printed here.

Copy

DEFENDANT'S EXHIBIT AA57

G C S

Agreement made this 7th day of July, 1905, between the Gulf Refining Company of Port Arthur, Texas, party of the first part, and the Kings County Lighting Company of Brooklyn, N. Y. party of the second part, Witnesseth:—

In consideration of the mutuality hereof it is hereby agreed between the parties hereto as follows:—

The party of the first part sells and agrees to deliver to the party of the second part, or its assigns, and the party of the second part agrees to purchase and receive from the party of the first part, its requirements of oil for gas making purposes for its works located in South Brooklyn, N. Y. for one year from January 1st, 1906, the amount estimated at $1,200,000 gallons more or less, but in no case shall the maximum amount exceed 1,800,000 gallons.

The party of the second part is to have the option of taking either Solar or Crude fuel oil on its contract, but it is to advise party of the first part the kind of oil required in ample time for it to make provisions for the delivery.

The price to be three cents (3¢) per gallon for Solar oil, and two and three fourth cents (2¾) per gallon for Crude oil, delivered on Barge at the Foot of 55th Street, South Brooklyn.

It is understood and agreed between the parties hereto that the party of the first part shall keep the party of the second part supplied with oil during the life of this contract, and that in the event of failure of the party of the first part to do so, party of second part shall have the right, after five days written notice, stating amount of oil required, to buy in open market such oil as may be necessary for the proper conduct of its business, and shall charge the first party with the difference between the market price of such oil and the price of oil stipulated in this agreement.

It is agreed between the parties hereto that payment shall be made at Pittsburg office of first party on 10th of each month for all bills of proceeding month.

This contract to become effective only when approved by the General Sales Manager of the party of the first part.

In Witness Whereof the said parties have executed this agreement the day and date first written herein.

GULF REFINING COMPANY,
By EDW. A. LYON
Agent.

KINGS COUNTY LIGHTING COMPANY,
By W. G. PHILLIPS
Vice-Pres.

Approved: G. R. NUTTY
General Sales Manager.

DEFENDANT'S EXHIBIT AA58

Public Service Gas Company

Broad and Arch Streets
Philadelphia, Pa.

Philadelphia, June 3, 1910.

Reply to letter of
Referring to
Mr. G. R. Nutty, General Sales Manager,
Gulf Refining Co.,
Frick Bldg. Annex. Pittsburg, Pa.

Dear Sir;—

Confirming telephone conversation, in view of your agreement to cancel contract between your company and Public Service Corporation of New Jersey, dated July 31, 1908, we agree to purchase from you between June 1, 1910 and December 31, 1913, 125,000,000 gallons of Gas Oil to conform to specifications agreed upon between yourself, Mr. Whitcomb and the writer, at the price of 2.45¢ per gallon, delivered in our tanks at all tidewater points in the State of New Jersey, rail points to be increased by the same differential as shown in the contract

of July 31, 1908, above referred to, formal contract to be exchanged at a later date.

Yours truly,

F. MUNSON
Purchasing Agent.

Accepted;—
GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.

DEFENDANT'S EXHIBIT AA59

This Agreement made this first day of June, in the year of our Lord, One Thousand Nine Hundred and Ten, between Gulf Refining Company, a corporation existing under the laws of the State of Texas, party of the first part; and Public Service Gas Company, a corporation existing under the laws of the State of New Jersey, party of the second part.

Witnesseth; That for and in consideration of the mutuality hereof, the parties hereto do hereby agree as follows;—

First. The party of the first part sells and agrees to deliver to the party of the second part, or its assigns, at the prices hereinafter designated, and the party of the second part agrees to purchase and receive from the party of the first part, One Hundred and Twenty-five Million (125,000,000) gallons straight run Gas Oil to be made from Indian Territory Crude Oil, deliveries and prices as hereinafter stated, and to be used by the party of the second part for the manufacture of gas at its Gas Works in the State of New Jersey, during the period beginning June first, Nineteen Hundred and Ten and ending December thirty-first, Nineteen Hundred and Thirteen.

The oil to be furnished to conform to the following specifications;—

Not more than 5% shall distill over above 700° Fahrenheit and it shall not contain more than one-half of 1% of Sulphur nor more than 3% of Coke,

provided, however, that the party of the second part shall have the right to specify oil of the same specifications as that being at present delivered to the 25th Ward Gas Works, Philadelhpia, Pa., by the party of the first part.

Second. The party of the second part agrees to take the Gas Oil defined in Section First at the following points of delivery and for the following prices, to wit;—

Barge delivered in the tanks of the party of the second part at Hoboken Gas Works; West End Gas Works on Hackensack River; Market Street Gas Works, Newark; (Front Street Gas Works, Newark;) (Fourth Street Gas Works, Harrison;) and Camden Gas Works, at Two and Forty-five Hundredth (2.45) Cents per gallon; by rail delivery at Consumers Gas Works

Jersey City at Two and Fifty-eight Hundredth (2.58) Cents per gallon, and at Paterson Gas Works, Paterson, New Jersey, at Two and Eighty-two Hundredth (2.82) Cents per gallon, deliveries to be made where and as specified by the party of the second part, it being understood and agreed that the party of the second part shall give at least sixty (60) days notice to the party of the first part of deliveries to be required under this Agreement.

Third. The quantity of oil delivered in the tanks of the party of the second part, from time to time, shall be determined by Meyer & Company, Official Gaugers, or some other equally reliable person or firm, as agreed upon by the parties hereto.

Fourth. The party of the second part agrees to provide all necessary pipe lines between its wharves or rail sidings and tanks for unloading barges and tank cars promptly.

Fifth. It is agreed between the parties hereto that payments shall be made in cash monthly for deliveries during the preceding month.

In Witness Whereof, the parties hereto have caused this Agreement to be executed the day and year first herein above written.

GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.
PUBLIC SERVICE GAS COMPANY,
F. MUNSON
Purchasing Agent.

F. B.
Approved:

Assistant General Counsel.
H. D. WHUMBY
General Manager.

DEFENDANT'S EXHIBIT AA60.

This agreement, made this twenty-fifth day of May, in the year of our Lord one thousand nine hundred and thirteen, between Gulf Refining Company, a corporation and body politic of the State of Texas, hereinafter called "Seller," party of the first part, and Public Service Gas Company, a corporation and body politic of the State of New Jersey, hereinafter called "Buyer," party of the second part:

Witnesseth: That the said parties hereto have mutually bargained and agreed and by these presents do mutually bargain and agree as follows, that is to say:

First. Seller has sold and hereby agrees to deliver to Buyer, or its assigns, for the price or sum hereinafter named, straight run gas oil, to be made from Indian Territory crude oil, of not

less than twenty-seven million (27,000,000) and not more than thirty-three million (33,000,000) gallons.

Second. Not more than five per centum (5%) of the said oil shall distill over above seven hundred degrees (700°) Fahrenheit, and it shall not contain more than one-half of one per centum (½ of 1%) of sulphur nor more than three per centum (3%) of coke; it being understood and agreed, however, that Buyer shall have the right to specify oil of the same character and description as that at present being delivered to the Twenty-Fifth Ward Gas Works in Philadelphia, Pennsylvania, by Seller.

Third. Said oil is to be delivered from time to time by said Seller to said Buyer during the calendar year nineteen hundred and fourteen (1914) for the manufacture of gas at the various gas works of Buyer in the State of New Jersey.

Fourth. Seller is to deliver and Buyer is to take said oil at the following points of delivery, for the prices hereinafter respectively named, that is to say: Barge deliveries in the tanks of Buyer at Camden gas works, Camden, New Jersey, West End works, Jersey City, New Jersey, Hackensack gas works, Hackensack, New Jersey, Hoboken works, Hoboken, New Jersey, New Brunswick works, New Brunswick, New Jersey, and Market Street works, Newark, New Jersey, at four and one-half cents (4½c.) per gallon; by barge delivery in the tanks of Buyer at Trenton gas works, Trenton, New Jersey, at four and seventy-five hundredths cents (4.75c.) per gallon, in one hundred thouand (100,000) gallon lots, and at five cents (5c.) per gallon in fifty thousand (50,000) gallon lots; by rail delivery on Buyers' siding at Consumers Gas Works, Jersey City, New Jersey, at four and sixty-three hundredths cents (4.63c.) per gallon, and on Buyers' siding at Paterson gas works, Paterson, New Jersey, at four and eighty-seven hundredths cents (4.87c.) per gallon; by rail delivery on Buyers' siding at Sixth Street works, Jersey City, New Jersey, and on Buyers' siding at Plainfield gas works, Plainfield, New Jersey, at four and eighty-three hundredths cents (4.83c.) per gallon.

Fifth. It is understood and agreed between the parties hereto that the above prices are based on the present price of eighty-eight cents (88c.) per barrel for Oklahoma crude oil, and that the above prices shall be increased or reduced at the rate of one-forty-second of a cent (1/42c.) per gallon for every one cent (1c.) increase or reduction in the said price of Oklahoma crude oil during the period of this agreement; provided, however, that the maximum price to be charged by Seller under this agreement shall not be more than five cents (5c.) per gallon for the deliveries by barge (rail deliveries and barge deliveries to Trenton in proportion thereto), and that the minimum price to be charged by seller under this agreement shall not be less than three and one-half cents (3½c.) per gallon

for the deliveries by barge with rail deliveries and barge deliveries to Trenton in proportion thereto.

It is further understood and agreed between the parties hereto that the price for each month for the oil delivered under this agreement shall be based on the daily average price of Oklahome crude oil for the month preceding the deliveries of said oil, the quotations in the Oil, Paint and Drug Reporter to be taken as binding upon both parties to this agreement.

Sixth. Deliveries of the oil are to be made where and as specified by Buyer, it being understood and agreed that the Buyer shall give at least sixty (60) days notice to Seller of deliveries to be required under this agreement.

Seventh. It is mutually agreed between the parties hereto that should Buyer desire during the calendar year nineteen hundred and fourteen (1914) to increase its installations of coal gas apparatus so as to reduce its requirements of oil, that then and in such case it shall be at liberty to make such decrease as it desires, it being required however to give Seller six months written notice of its intention to install the coal gas apparatus and reduce its requirements for oil.

Eighth. It is agreed and understood between the parties hereto that Buyer is to take all of the oil required by it in the operation of its aforesaid plants during the calendar year nineteen hundred and fourteen (1914) from Seller, provided Buyer shall not be required to take beyond the maximum herein agreed.

Ninth. The quantity of oil delivered in the tanks of Buyer from time to time shall be determined by Meyer and Company, official gaugers, or some other equally reliable person or firm, as agreed upon by the parties hereto.

Tenth. Buyer agrees to provide all necessary pipe lines between its wharves or rail sidings and tanks for unloading barges and tank cars promptly.

Eleventh. It is agreed between the parties hereto that payments shall be made monthly in cash for deliveries during the preceding month.

In Witness Whereof the parties hereto have caused these presents to be duly executed, dated the day and year first above written.

GULF REFINING COMPANY,
By G. R. NUTTY,
General Sales Manager.

PUBLIC SERVICE GAS COMPANY,
By G. W. EMSON,
Purchasing Agent.

Approved:
E. A. A.,
General Counsel.
H. D. W.,
General Manager.

By mutual consent and for good consideration the foregoing contract is hereby rescinded.

GULF REFINING COMPANY,
By G. R. NUTTY,
General Sales Manager.
PUBLIC SERVICE GAS COMPANY,
By G. W. EMSON,
Purchasing Agent.

Newark, N. J.,
August 10, 1914.

DEFENDANT'S EXHIBIT AA61.

N. W. Cor. Broad and Arch Sts.

Philadelphia, August 3, 1914.

Mr. J. A. PEARSON, Purchasing Agent,
Public Service Gas Co.,
Philadelphia, Pa.

Dear Sir:

Confirming our verbal quotation, we are pleased to offer you 252,000,000 gallons of Gas Oil, specifications to be the same as specified in the present contract, dated 25th day of May, 1913, at 3.05¢ per gallon, delivered by barge to your Newark, N. J., and your Jersey City, N. J., Plants, and the usual difference for delivery by rail.

In consideration of your accepting this offer, we will cancel contract dated May 25, 1913, as of the end of business July 31, 1914; the new contract to date from August 1, 1914, and end July 31, 1919.

Yours truly,
GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.

Accepted, August 3, 1914:
PUBLIC SERVICE GAS COMPANY,
F. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT AA62.

This Agreement, made this fifth day of August, in the year of our Lord one thousand nine hundred and fourteen, between Gulf Refining Company, a corporation and body politic of the State of Texas, hereinafter called "Seller," party of the first part, and Public Service Gas Company, a corporation and body politic of the State of New Jersey, hereinafter called "Buyer," party of the second part:

Witnesseth: That the said parties hereto have mutually bargained and agreed and by these presents do mutually bargain and agree as follows, that is to say:

First. ***Seller has sold and hereby agrees*** to deliver to Buyer, or its assigns, for the price or sum hereinafter named, Two Hundred and Fifty Two Million (252,000,000) gallons of straight run Gas Oil, to be made from Indian Territory crude oil.

Second. Not more than five per centum (5%) of the said oil shall distill over above seven hundred degrees (700°) Fahrenheit, and it shall not contain more than one half of one per centum (½ of 1%) of sulphur nor more than three per centum (3%) of coke; it being understood and agreed, however, that Buyer shall have the right to specify oil of the same character and description as that at present being delivered to the Twenty-fifth Ward Gas Works in Philadelphia, Pennsylvania, by Seller.

Third. Said oil is to be delivered from time to time by said Seller to said Buyer during the period beginning August 1, 1914, and ending July 31, 1919, for the manufacture of gas at the various gas works of Buyer in the State of New Jersey.

Fourth. Seller is to deliver and Buyer is to take said oil at the following points of delivery, for the prices hereinafter respectively named, that is to say: Barge deliveries in the tanks of Buyer at Camden gas works, Camden, New Jersey, West End Works, Jersey City, New Jersey, Hackensack gas works, Hackensack, New Jersey, Hoboken works, Hoboken, New Jersey, New Brunswick works, New Brunswick, New Jersey, and Market Street works, Newark, New Jersey, at three and five hundredth cents (3.05¢) per gallon; by barge delivery in the tanks of Buyer at Trenton gas works, Trenton, New Jersey, at three and thirty hundredth cents (3.30¢) per gallon, in one hundred thousand (100,000) gallon lots, and at three and fifty-five hundredth cents (3.55¢) per gallon in fifty thousand (50,000) gallon lots; by rail delivery on Buyers' siding at Consumers Gas Works, Jersey City, New Jersey, at three and eighteen hundredth cents (3.18¢) per gallon, and on Buyers' siding at Paterson gas works, Paterson, New Jersey, at three and forty-two hundredth cents (3.42¢) per gallon; by rail delivery on Buyers' siding at Sixth Street works, Jersey City, New Jersey, and on Buyers' siding at Plainfield gas works, Plainfield, New Jersey, at three and thirty-eight hundredth cents (3.38¢) per gallon.

Fifth. Deliveries of the oil are to be made where and as specified by Buyer it being understood and agreed that the Buyer shall give at least sixty (60) days notice to Seller of deliveries to be required under this agreement.

Sixth. It is mutually agreed between the parties hereto that should Buyer desire during the period of this Agreement to increase its installations of coal gas apparatus so as to reduce its requirements of oil, that then and in such case it shall be at liberty to make such decrease as it desires, it being required

however to give Seller six months' written notice of its intention to install the coal gas apparatus and reduce its requirements for oil.

Seventh. It is agreed and understood between the parties hereto that Buyer is to take all of the oil required by it in the operation of its aforesaid plants during the period of this Agreement from Seller.

Eighth. The quantity of oil delivered in the tanks of Buyer from time to time shall be determined by Meyer and Company, official gaugers, or some other equally reliable person or firm, as agreed upon by the parties hereto.

Ninth. Buyer agrees to provide all necessary pipe lines between its wharves or rail sidings and tanks for unloading barges and tank cars promptly.

Tenth. It is agreed between the parties hereto that payments shall be made monthly in cash for deliveries during the preceding month.

In Witness Whereof the parties hereto have caused these presents to be duly executed, dated the day and year first above written.

GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.
PUBLIC SERVICE GAS COMPANY,
F. MUNSON
Purchasing Agent.

Approved:
E. G. G.
Assistant General Counsel.
E. H. E.
Asst. General Manager.

DEFENDANT'S EXHIBIT AA63

E. I. G. Lt. Co.

Tioga 1,000,000 gallons
Oct. 1-Sept. 20, 1920

W C C
30,000,000 month
30,000,000 10%

C. B.-5 Rich. & Tioga Sts., Phila.

This Agreement made this 21st day of June in the year of our Lord one thousand nine hundred and nineteen between Gulf Refining Company a corporation and body politic of the State of Texas, hereinafter called "Seller" party of the first part, and Public Service Gas Company, a corporation and body politic of the State of New Jersey, hereinafter called "Buyer" party of the second part;

Witnesseth: That the said parties hereto have mutually bargained and agreed and by these presents do mutually bargain and agree as follows, that is to say:

First: Seller has sold and hereby agrees to deliver to Buyer, or its assigns, for the price or sum hereinafter named, forty million (40,000,000) gallons, 10% more or less (Buyer's option) Gas Oil to conform to the following specifications;—

Second—At least 70% shall distill over below 700° Fahr. Sulphur shall not exceed 3/4ths of 1%. Coke residuum shall not exceed 3%. All tests to be made in accordance with U.G.I. standard method.

Third—Said oil is to be delivered from time to time by said Seller to said Buyer during the period beginning August 1st 1919 and ending July 31st 1920.

Fourth—Seller is to deliver and Buyer is to take said oil at the following points of delivery, for the prices hereinafter respectively named, that is to say:—

Barge deliveries in the tanks of Buyer at Camden Gas Works, Camden, N. J. West End Gas Works, Jersey City, N. J. Hackensack Gas Works, Hackensack, N. J. Hoboken Works, Hoboken, N. J. and Market Street Works, Newark, N. J. at .....5¢ per gal;

By barge delivery into tanks of Buyer at Trenton Gas Works at .....5 1/4¢ per gal.; in 100,000 gallon lots, and 5 1/2¢ in 50 000 gallon lots.

Barge deliveries to New Brunswick Gas Works, New Brunswick, N. J. at.....5 1/4¢ per gal.

For rail delivery to Trenton, in tank cars 5.7¢ per gallon;

By rail on Buyer's siding at Consumers Gas Works, Jersey City, N. J.....5.53¢ per gal.

On Buyer's siding at Paterson Gas Works, Paterson, N. J. by rail .....5.85¢ per gal.

By rail delivered on Buyer's siding at 6th Street Works, Jersey City, N. J.....5.83¢ per gal.

Plainfield, N. J. in tank cars on Buyer's siding at 5.60¢ per gal.

Fifth: Deliveries of the oil are to be made where and as specified by Buyer, it being understood and agreed that the Buyer shall give at least sixty days notice to Seller of deliveries to be required under this agreement.

Sixth: It is agreed and understood between the parties hereto that Buyer is to take all of the oil required by it in the operation of its aforesaid plants during the period of this agreement from Seller.

Also Front St. Works, Newark, @ 5¢ by buyer in 100 000 gal. lots.

Seventh The quantity of oil delivered in the tanks of Buyer from time to time shall be determined by Meyer and Co., official gangers, or some other equally reliable person or firm as agreed upon by the parties hereto.

Eighth: Buyer agrees to provide all necessary pipe lines between its wharves or rail sidings and tanks for unloading barges and tank cars promptly.

Ninth: It is agreed between the parties hereto that payments shall be made monthly in cash for deliveries during the preceding month.

In Witness Whereof the parties hereto have caused these presents to be duly executed, dated the day and year first above written;

GULF REFINING COMPANY,
G. R. NUTTY,
Vice President.
PUBLIC SERVICE GAS COMPANY,
F. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT AA61

Philadelphia, Pa., September 30, 1912.

Mr. J. A. PEARSON, *Purchasing Agent*,
The Equitable Illuminating Gas Light Co., of Phila.
Philadelphia.

Dear Sir:—

Confirming our conversation today, we are pleased to offer you 20,000,000 gallons of Gas Oil,—same specifications as under present contract,—for delivery to your 25th Ward Gas Works, Philadelphia, between February 1, 1913, and January 31, 1914, at the price of 3.95¢ per gallon, delivered into your tanks, subject to usual terms and conditions and an exchange of contract.

Yours truly,
GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.

Accepted:—
The Equitable Illuminating Gas Light Company
of Philadelphia.
F. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT A A 65

Agreement made this thirtieth day of September, A. D. 1912, between Gulf Refining Company, a corporation organized under the laws of the State of Texas, party of the first part, and The Equitable Illuminating Gas Light Company of Philadelphia, Pennsylvania, party of the second part

Witnesseth: In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part as much "Indian Territory" gas oil of the quality as defined below as the party of the second part shall require for the uses of its gas works known as the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania, during the period beginning February 1, 1913, and ending January 31, 1914, not exceeding, however, in the aggregate Twenty Million, Five Hundred Thousand (20,500,000) gallons of said oil.

2. The party of the second part agrees to take at its said 25th Ward Gas Works in the City of Philadelphia all the gas oil which it shall require from the party of the first part under the terms hereof during the period beginning February 1, 1913, and ending January 31, 1914, up to said amount of Twenty Million, Five Hundred Thousand (20,500,000) gallons of said oil.

3. The party of the second part agrees to pay to the party of the first part for all gas oil received by it from the party of the first part under the terms of this agreement the price of Three and Ninety-five Hundredth (3.95) cents per gallon, delivered by barge into the tanks of the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania.

4. The party of the second part shall have the right under this Agreement, to take any part of the above oil by barge at its Point Breeze Gas Works, Point Breeze, Philadelphia, at the price of Three and Ninety Hundredths (3.90) cents per gallon, delivered in the tanks of the said Point Breeze Gas Works.

5. Deliveries of oil to be made in such amounts and at such times as the party of the second part shall from time to time designate in writing to the party of the first part, not exceeding Two Million Five Hundred Thousand (2,500,000) gallons in any one month.

6. The oil to be delivered and received is to conform to the following specifications:

"85% to distill off between 100° and 700° Fahrenheit; said oil not to carry to exceed .5% of Sulphur and not more than 3% of coke."

7. It is mutually understood between the parties hereto in case of differences arising as to the quality of oil supplied under the contract, that the distillation test to be used in determining the quality shall be as follows:

One hundred C. C. of the oil to be tested is placed in a standard Engler distillation bulb. The construction and dimensions of this bulb or flask are given in "Stillman's Engineering Chemistry," page 337.

The rate of distillation is to be so regulated that one CC of the distillate passes over every minute, the receiver to be changed as the mercury column of the thermometer just passes the fractionating point.

The temperature of the distillation is to be determined by a high pressure Nitrogen filled thermometer passed through a cork in the top of the neck of the distillation flask, the bulb of the thermometer being placed so that the top of the bulb is level with the bottom of the delivery tube.

The bulb of the distillation flask is supported on a tripod covered with wire gauze, and is surrounded by a cylinder of asbestos or fine wire gauze to protect it from draughts.

The vapor distilling over is condensed by a suitable condenser such as an ordinary Liebig condenser, and the distillate collected in graduated measured cylinder.

To determine the amount of residue, the flask is weighed previous to introducing the oil to distillation, and weighed again after the distillation is complete, the difference in the two weights give the amount of residue.

In order to obtain consistent results, it is essential that the rate of distillation be maintained as constant as possible.

8. It is agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice.

9. In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

GULF REFINING COMPANY,
G. R. NULTY
Genl Sales Mgr

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA,
W. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT A A 66

W C C

This Agreement made this twenty-third (23rd) day of September in the year of our Lord one thousand nine hundred and nineteen (1919) between the Gulf Refining Company of Port Arthur, Texas, hereinafter called Seller, party of the first part, and The Equitable Illuminating Gas Light Company of Philadelphia, of Philadelphia, Pennsylvania, hereinafter called Buyer, party of the second part.

Witnesseth: That the said parties hereto have mutually bargained and agreed and by these presents do mutually bargain and agree as follows, that is to say:

First: Seller has sold and hereby agrees to deliver to Buyer, or its assigns, for the price or sum hereinafter named, thirty million (30,000,000) gallons, ten per cent (10%) more or less (Buyer's option) uncracked Gas Oil to conform to the following specifications:

Second: At least 70% shall distill over below 700° F. Sulphur shall not exceed ¾ths of 1%. Coke residuum shall not

exceed 3%. All tests to be made in accordance with U.G.I. standard method.

Third: Said oil is to be delivered from time to time by said Seller to said Buyer during the period beginning October 1st, 1919, and ending September 30th, 1920.

Fourth: Seller is to deliver and Buyer is to take said oil in such amounts and at such times as the Buyer shall from time to time designate, not exceeding three million (3,000,000) gallons in any one month.

Fifth: Buyer agrees to pay to the Seller for all Gas Oil received by it under this agreement the price of 5¢ per gallon, delivered by barge into the tanks of Station B Gas Works, Richmond and Tioga Streets, Philadelphia, Pa.

Sixth: It is agreed and understood between parties hereto that the Buyer is to take from the Seller all the oil required by the Buyer in the operation of its Station B Gas Works during the period of this agreement.

Seventh: The Buyer agrees to provide all necessary pipe lines between its wharves and tanks for unloading barges.

Eighth: It is agreed between the parties hereto that payment shall be made monthly in cash for deliveries during the preceding month.

In Witness Whereof the parties hereto have caused these presents to be duly executed, dated the day and year first above written:

GULF REFINING COMPANY
By J. W. WILLIAMS
General Manager.

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA
By W. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT AA67

Agreement made this twenty-first day of October, A. D. 1913, between Gulf Refining Company, a corporation organized under the Laws of the State of Texas, party of the first part, and The Equitable Illuminating Gas Light Company of Philadelphia, Pennsylvania, party of the second part.

Witnesseth: In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part as much "Indian Territory" gas oil of the quality as defined below as the party of the second part shall require for the uses of its gas works known as the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania, during the period beginning February 1st, 1914, and ending January 31st, 1915. The quantity

to be delivered to be Twenty-One Millions gallons (21,000,000) 10% more or less.

2. The party of the second part agrees to take at its said 25th Ward Gas Works in the City of Philadelphia all the gas oil which it shall require from the party of the first part under the terms hereof during the period beginning February 1st, 1914, and ending January 31st, 1915, up to said amount of Twenty-One Million (21,000,000) gallons, 10% more or less, of said oil.

3. The party of the second part agrees to pay to the party of the first part for all gas oil received by it from the party of the first part under the terms of this Agreement the price of Four and Forty-Five Hundredth (4.45) cents per gallon, delivered by barge into the tanks of the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania.

4. The party of the second part shall have the right under this Agreement, to take any part of the above oil by barge at its Point Breeze Gas Works, Point Breeze, Philadelphia, at the price of Four and Forty Hundredth (4.40) cents per gallon, delivered in the tanks of the said Point Breeze Gas Works.

5. Deliveries of oil to be made in such amounts and at such times as the party of the second part shall from time to time designate in writing to the party of the first part, not exceeding Two Million Five Hundred Thousand (2,500,000) gallons in any one month.

6. The oil to be delivered and received is to conform to the following specifications:

85% to distill off between 400° and 700° Fahrenheit; said oil not to carry to exceed .5% of Sulphur and not more than 3% of coke.

7. It is mutually understood between the parties hereto in case of difference arising as to the quality of oil supplied under the contract, that the distillation test to be used in determining the quality shall be as follows:

One hundred C.C. of the oil to be tested is placed in a standard Engler distillation bulb. The construction and dimensions of this bulb or flask are given in "Stillman's Engineering Chemistry," page 337.

The rate of distillation is to be so regulated that one CC of the distillate passes over every minute, the receiver to be changed as the mercury column of the thermometer just passes the fractionating point.

The temperature of the distillation is to be determined by a high pressure Nitrogen filled thermometer passed through a cork in the top of the neck of the distillation flask, the bulb of the thermometer being placed so that the top of the bulb is level with the bottom of the delivery tube. The bulb of the distillation flask is supported on a tripod covered with wire gauze, and

is surrounded by a cylinder of asbestos or fine wire gauze to protect it from draughts.

The vapor distilling over is condensed by a suitable condenser such as an ordinary Liebig condenser, and the distillate collected in graduated measured cylinder.

To determine the amount of residue, the flask is weighed previous to introducing the oil to distillation, and weighed again after the distillation is complete, the difference in the two weights give the amount of residue.

In order to obtain consistent results, it is essential that the rate of distillation be maintained as constant as possible.

8. It is agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice.

9. In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

GULF REFINING COMPANY,
G. R. NUTTY
Genl Sales Mgr

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA,
F. MUNSON
Purchasing Agent.

Philadelphia, Pa., August 10, 1914.

By mutual consent and for good consideration the foregoing contract is hereby rescinded.

GULF REFINING COMPANY,
By G. R. NUTTY
General Sales Manager.

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA,
F. MUNSON
Purchasing Agent.

2. A. W.
W H G.

DEFENDANT'S EXHIBIT AA68

Agreement made this twenty-fourth day of September, A. D. 1914, between Gulf Refining Company, a corporation organized under the laws of the State of Texas, party of the first part, and The Equitable Illuminating Gas Light Company of Philadelphia, of Philadelphia, Pennsylvania, party of the second part.

Witnesseth, that in consideration of the mutuality hereof it is hereby agreed between the parties hereto, as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part One Hundred and Twenty-five Million (125,000,000) gallons of Indian Territory Gas Oil of the quality as defined below, to be required by the party of the second part for the uses of its gas works known as the

25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania, during the period beginning October 1, 1914, and ending September 30, 1919; and the party of the first part further hereby sells and agrees to deliver to the party of the second part One Hundred and Twenty-five Million (125,000,000) gallons of Indian Territory Gas Oil of the quality as defined below, to be required by the party of the second part for the uses of its gas works known as the Point Breeze Gas Works, Point Breeze, Philadelphia, Pennsylvania, during the period beginning December 1, 1914, and ending November 30, 1919.

2. The party of the second part agrees to take at its said 25th Ward Gas Works and at its said Point Breeze Gas Works, in the city of Philadelphia, all the gas oil which it shall require, from the party of the first part under the terms of this Agreement during the periods defined in Section 1 up to Two Hundred and Fifty Million (250,000,000) gallons of sail oil.

3. The party of the second part agrees to pay to the party of the first part for all gas oil received by it from the party of the first part under the terms of this Agreement, the price of Three Cents (3¢) per gallon, delivered by barge into the tanks of the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania, and of the Point Breeze Gas Works, Point Breeze, Philadelphia, Pennsylvania.

4. Deliveries of oil are to be made in such amounts and at such times as the party of the second part shall from time to time designate in writing to the party of the first part, not exceeding Five Million (5,000,000) gallons in any one month.

5. The oil to be delivered and received is to conform to the following specifications:

It shall be made from Indian Territory crude and subjected to the same treatment in the distilling plant of the party of the first part as was oil furnished by them to the party of the second part during the year 1914. 85% shall distill off between 400° and 700° F.; sulphur content not to exceed one-half of one per cent, and the coke content to be not more than 4% nor less than 2%.

6. It is mutually understood between the parties hereto that in case of differences arising as to the quality of oil supplied under the contract, the distillation test to be used in determining the quality shall be as follows:

One Hundred C.C. of the oil to be tested is placed in a standard Engler distillation bulb. The construction and dimensions of this bulb or flask are given in "Stillman's Engineering Chemistry," page 337.

The rate of distillation is to be so regulated that one C.C. of the distillate passes over every minute, the receiver to be changed as the mercury column of the thermometer just passes the fractionating point.

The temperature of the distillation is to be determined by a high pressure Nitrogen filled thermometer passed through a cork in the top of the neck of the distillation flask, the bulb of the thermometer being placed so that the top of the bulb is level with the bottom of the delivery tube.

The bulb of the distillation flask is supported on a tripod covered with wire gauze, and is surrounded by a cylinder of asbestos or fine wire gauze to protect it from draughts.

The vapor distilling over is condensed by a suitable condenser such as an ordinary Leibig condenser, and the distillate collected in graduated measured cylinder.

To determine the amount of residue, the flask is weighed previous to introducing the oil to distillation, and weighed again after the distillation is complete, the difference in the two weights giving the amount of residue.

In order to obtain consistent results, it is essential that the rate of distillation be maintained as constant as possible.

7. It is agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA.
F. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT AA69

F. H. M

Cancelled

Agreement made this fifth day of August, A. D. 1914, between Gulf Refining Company, a corporation organized under the laws of the State of Texas, party of the first part, and The Equitable Illuminating Gas Light Company of Philadelphia, of Philadalphia, Pennsylvania, party of the second part.

Witnesseth, that in consideration of the mutuality hereof it is hereby agreed between the parties hereto, as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part One Hundred and Twenty-five Million (125,000,000) gallons of Indian Territory Gas Oil of the quality as defined below, to be required by the party of the second part for the uses of its gas works known as the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania, during the period beginning August 1, 1914, and ending July 31, 1919.

2. The party of the second part agrees to take at its said 25th Ward Gas Works in the City of Philadelhia all the gas oil which it shall require from the party of the first part under the terms hereof during the period beginning August 1, 1914, and ending July 31, 1919, up to said amount of One Hundred and Twenty-five Million (125,000,000) gallons of said oil.

3. The party of the second part agrees to pay to the party of the first part for all gas oil received by it from the party of the first part under the terms of this Agreement the price of Three and Five Hundredth Cents (3.05¢) per gallon, delivered by barge into the tanks of the 25th Ward Gas Works, Richmond and Tioga Streets, Philadelphia, Pennsylvania.
Omit

4. The party of the second part shall have the right under this Agreement, to take any part of the above oil by barge at its Point Breeze Gas Works, Point Breeze, Philadelphia, at the price of Three and Five Hundredth Cents (3.05¢) per gallon, delivered in the tanks of the said Point Breeze Gas Works.

5. Deliveries of oil to be made in such amounts and at such times as the party of the second part shall from time to time designate in writing to the party of the first part, not exceeding Two Million Five Hundred Thousand (2,500,000) gallons in any one month.

6. The oil to be delivered and received is to conform to the following specifications:—

85% to distill off between 400° and 700° Fahrenheit; said oil not to carry to exceed .5% of Sulphur and not more than 3% of coke.

7. It is mutually understood between the parties hereto in case of differences arising as to the quality of oil supplied under the contract, that the distillation test to be used in determining the quality shall be as follows:

One hundred C. C. of the oil to be tested is placed in a standard Engler distillation bulb. The construction and dimensions of this bulb or flask are given in "Stillman's Engineering Chemistry", page 337.

The rate of distillation is to be so regulated that one CC of the distillate passes over every minute, the receiver to be changed as the mercury column of the thermometer just passes the fractionating point.

The temperature of the distillation is to be determined by a high pressure Nitrogen filled thermometer passed through a cork in the top of the neck of the distillation flask, the bulb of the thermometer being placed so that the top of the bulb is level with the bottom of the delivery tube.

The bulb of the distillation flask is supported on a tripod covered with wire gauze, and is surrounded by a cylinder of asbestos or fine wire gauze to protect it from draughts.

The vapor distilling over is condensed by a suitable condenser such as an ordinary Leibig condenser, and the distillate collected in graduated measured cylinder.

To determine the amount of residue, the flask is weighed previous to introducing the oil to distillation, and weighed again after the distillation is complete, the difference in the two weights giving the amount of residue.

In order to obtain consistent results, it is essential that the rate of distillation be maintained as constant as possible.

8. It is agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA,
E. MUNSON
Purchasing Agent.

By mutual consent and for good consideration, the foregoing contract is hereby rescinded, as of September 30, 1914.

GULF REFINING COMPANY,
G. R. NUTTY
General Sales Manager.

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA,
E. MUNSON
Purchasing Agent.

Philadelphia, Pa., September 16, 1914.

DEFENDANT'S EXHIBIT AA69 (continued)

N. W. Cor. Broad and Arch Sts.

Philadelhia August 3, 1914.

Mr. J. A. Pearson, Purchasing Agent,
The Equitable Illuminating Gas Light Co. of Phila.,
Philadelphia, Pa.

Cancelled

Dear Sir:—

Confirming our verbal quotation, we are pleased to offer you 125,000,000 gallons of Gas Oil, specifications to be the same as specified in the present contract, dated 21st day of October 1913, at 3.05¢ per gallon, delivered by barge to your 25th Ward Gas Works or to your Point Breeze Gas Works, Philadelphia, Pa.

In consideration of your accepting this offer, we will cancel contract dated Oct. 21, 1913, as of the end of business July 31.

1914; the new contract to date from August 1, 1914, and end July 31, 1919.

Yours truly,
GULF REFINING COMPANY,
G. R. NUTTY,
General Sales Manager.

Accepted, August 3, 1914:
THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA,
E. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT AA70

W C C

This Agreement made this twenty-ninth (29th) day of October in the year of our Lord one thousand nine hundred and nineteen (1919) between the Gulf Refining Company of Port Arthur, Texas, hereinafter called Seller, party of the first part, and The Equitable Illuminating Gas Light Company of Philadelphia, of Philadelphia, Pennsylvania, hereinafter called Buyer, party of the second part.

Witnesseth: That the said parties hereto have mutually bargained and agreed and by these presents do mutually bargain and agree as follows, that is to say:

First: Seller has sold and hereby agrees to deliver to Buyer, or its assigns, for the price or sum hereinafter named, thirty million (30,000,000) gallons, ten per cent (10%) more or less (Buyer's option) uncracked Gas Oil to conform to the following specifications:

Second: At least 70% shall distill over below 700° F. Sulphur shall not exceed ¾ths of 1%. Coke residum shall not exceed 3%. All tests to be made in accordance with U. G. I. standard method.

Third: Said oil is to be delivered from time to time by said Seller to said Buyer during the period beginning December 1st, 1919, and ending November 30th, 1920.

Fourth: Seller is to deliver and Buyer is to take said oil in such amounts and at such times as the Buyer shall from time to time designate, not exceeding three million (3,000,000) gallons in any one month.

Fifth: Buyer agrees to pay to the Seller for all Gas Oil delivered by it under this agreement the price of 5¢ per gallon, delivered by barge into the tanks of the Point Breeze Gas Works, Point Breeze, Philadelphia, Pennsylvania.

Sixth: It is agreed and understood between the parties hereto that the Buyer is to take from the Seller all the oil required by the Buyer in the operation of its Point Breeze Gas Works during the period of this agreement.

Seventh: The Buyer agrees to provide all necessary pipe lines between its wharves and tanks for unloading barges.

Eighth: It is agreed between the parties hereto that payment shall be made monthly in cash for deliveries during the preceding month.

In Witness Whereof the parties hereto have caused these presents to be duly executed, dated the day and year first above written:

GULF REFINING COMPANY
By G. R. NUTTY
Vice President

THE EQUITABLE ILLUMINATING GAS LIGHT COMPANY OF PHILADELPHIA
By E. MUNSON
Purchasing Agent.

DEFENDANT'S EXHIBIT AA71

Jan 12/20

Jan 13/19 M G

The oil contract between The Texas Company and The Kings County Lighting Company, dated October 18, 1907, is extended as follows:

The total quantity of oil to be taken is fixed at 4,900,000 gallons. The price on the first 1,400,000 gallons taken (including that portion already delivered) shall be as before,—3.70¢ for Crude, and 3.95¢ for Gas Oil. On the balance, 3,500,000 gallons, (which shall cover the entire requirements of the purchaser until taken), the price shall be 2.90¢ per gallon for Crude, and 3.05¢ per gallon for Gas Oil,—Crude Oil to be the same as that heretofore delivered September 18, 1908.

THE TEXAS COMPANY
EMONDSON
Sales Manager

KINGS COUNTY LIGHTING COMPANY
By W S. FLOOK
Secretary.

DEFENDANT'S EXHIBIT AA72.

Send Remittances to the New York Office of the Texas Co.
Send Shipping Instructions to the Philadelphia Office of the Texas Co.

New York Office: 17 Battery Place
Telephone, 440 Rector

Philadelphia Office, Arcade Building
Telephones:
(Bell) 4722 Spruce
(Keystone) 19-86 Race

Deft's. Ex. AA72 in Ev. Jany. 13/19.—M. G.
Jan 12/20

Delaware River Warehouse and Storage Terminal
Marcus Hook, Pa.
Telephones:
(Bell) 13 Linwood
(Keystone) 24 Linwood

THE TEXAS COMPANY

Producers, Refiners and Distributors of Petroleum and Its Products
Memorandum of Sale

Contract or Order No. { Texas Co.'s D-601 / Customer's

October 18, 1907.

The Kings County Lighting Co.,
New York City, N. Y.

Gentlemen:—

Subject to the terms of our regular sales contract (see over), we beg to confirm the sale to you of the following:

Description: Crude Oil—Gravity 22° Beaumé or better; moisture and sediment not to exceed 1%—or at Seller's option, Gas Oil not less than 28° Gravity Beaumé But Gas Oil or Crude Oil must be delivered continuously for minimum periods of three months.

Quantity: Your entire requirements for the year 1908; Minimum: 2,000,000 gals.; Maximum 2,700,000 gals.

Delivery and Time of Shipments: As called for by you in bargeload lots of 100,000 to 150,000 gallons, our option to deliver up to full capacity your storage.

Price: Three and 70/100 ($.0370) cents per gallon for Crude;

Three and 95/100 ($.0395) cents " " " Gas Oil.

Terms: Cash without discount our N. Y. office on the 10th of each month for all shipments made during the previous month.

Other Particulars: In case it is not practicable for you to

use such Crude Oil, you to have the option to take Gas Oil as above at .0405¢ per gal.

Please sign below and return one copy to our New York Office.

Yours truly,
THE TEXAS COMPANY,
By C. WOODBAUM,
Atty.

Accepted:
KINGS COUNTY LIGHTING CO.
W. M. FLOOD
Purchaser
Sec'y. & Treas.

THE TEXAS COMPANY

General Terms Applicable to Sales Contracts

Delivery—Tank cars shall be discharged by the purchaser immediately after arrival and shall be delivered to the railway from which they were received to be returned to the Seller.

If delivery is to be made by barge, the Purchaser will furnish necessary facilities for discharging, but the oil will be pumped out by the Seller. Access to the shore tanks of the Purchaser, and guage tables thereof shall be given to the Seller for the purpose of guaging and the Purchaser shall deliver to Seller's representative upon completion of discharge, a receipt for the amount of oil delivered as shown by such guage.

Claims—All claims for defects in quantity or quality of oil delivered shall be made, and the Seller shall be given opportunity to inspect, before unloading.

Shipments—Shipments in carload or bargeload lots only are contemplated and deliveries within ten per cent. of amounts shall be deemed sufficient, the actual amounts only to be paid for and no part of a carload or bargeload to be required to complete a contract.

Payment—Shall be made without discount or deduction at the New York office of the Seller in current funds or New York Exchange.

Delays, &c.—In case of strike, fire or other cause, which shall prevent literal performance by either party, the party suffering therefrom may at its option suspend the terms and conditions hereof for a reasonable period based upon the delay occasioned by the happening of the causes aforesaid and no liability for damages shall attach against either party on account thereof.

Assignability—This contract is not assignable by the Purchaser except by consent of the Seller, or by operation of law.

DEFENDANT'S EXHIBIT AA73

Oil contract, same as Defendant's Exhibit AA111. Not printed here.

DEFENDANT'S EXHIBIT AA74.

Department of Gasoline—S. O. Co. of New York—Sep. 5, 1912.

Agreement made this 4th day of September, A. D., 1912, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Kings County Lighting Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28° to 34° gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning upon expiration of contract dated March 16th, 1910, and ending when the full quantity is taken; such supply to be Eight Million (8,000,000) gallons.

2. The party of the second part agrees to receive the Gas Oil defined in Section 1 at and for the price of Four and Eighteen Hundredths (4.18) Cents per gallon delivered in bulk boats of about 100,000 gallons capacity at the mouth of the pipe line leading from the dock to the receiving tanks of the Kings County Lighting Company; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one bulk boat at any one time; the first party to have two weeks' notice of shipments required.

The proper loading of the oil to be certified to by a representative of the New York Produce Exchange—a certificate of this inspection to accompany each invoice if required.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified, viz. Eight Million Gallons.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS
Director.

KINGS COUNTY LIGHTING COMPANY,
By W. M. FLOOD,
Treasurer.

DEFENDANT'S EXHIBIT AA75.

M G
Jany. 13, 19.

Agreement made this 19th day of January, A. D. 1914, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Kings County Lighting Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28° to 34° gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning upon expiration of contract dated September 5th, 1912, and ending when the full quantity is taken; such supply to be Seven Million (7,000,000) Gallons.

2. The party of the second part agrees to receive the Gas Oil defined in Section 1 at and for the price of Four and Five Hundred Seventy Five Thousandths (4.575) Cents per gallon delivered in bulk boats of about 100,000 gallons capacity at the mouth of the pipe line leading from the dock to the receiving tanks of the Kings County Lighting Company; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one bulk boat at any one time; the first party to have two weeks' notice of shipments required;

The proper loading of the oil to be certified to by a representative of the New York Produce Exchange—a certificate of this inspection to accompany each invoice if required.

This agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified, viz., Seven Million (7,000,000) gallons.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

The party of the first part agrees that there will be no unusual

or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS
Director.

KINGS COUNTY LIGHTING COMPANY,
By W. M. FLOOD,
Secretary.

2,300,000 in 1916.

DEFENDANT'S EXHIBIT AA76.

Triplicate. M. G.

Agreement made this 16th day of March, A. D., 1910, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Kings County Lighting Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil—28° to 34° gravity,—the second party shall use in the manufacture of gas in its plant during the contract period beginning March 25th, 1910, and ending when the full quantity is taken; such supply to be Seven Million Five Hundred Thousand (7,500,000) Gallons.

2. The party of the second part agrees to receive the Gas Oil defined in Section 1 at and for the price of Two and Forty Seven and One Half (2.475) Cents per gallon delivered in bulk boats of about 100,000 gallons capacity at the mouth of the pipe line leading from the dock to the receiving tanks of the Kings County Lighting Company; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one bulk boat at any one time; the first party to have two weeks' notice of shipments required.

The proper loading of the oil to be certified to by a representative of the New York Produce Exchange—a certificate of this inspection to accompany each invoice if required.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified—Seven Million Five Hundred Thousand (7,500,000) Gallons.

The party of the first part agrees that there will be no un-

usual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent. thereafter; funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS
KINGS COUNTY LIGHTING COMPANY,
By W. M. FLOOD,
Treas.

Note:
Storage capacity
165,000 gallons

DEFENDANT'S EXHIBIT AA77

Jun 24 1914
New York
C. M. HIGGINS

Agreement made this 17th day of June A. D. 1914, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and Brooklyn Borough Gas Company, Coney Island, New York, party of the second part Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning upon expiration of contract dated January 19th, 1910, and ending when the full quantity is taken; such supply to be Two Million (2,000,000) gallons; and the party of the second part buys and agrees to receive the same at and for the price of Three and Twenty Five Hundredths (3.25) cents per gallon delivered by bulk boat at the mouth of pipe line leading to the Gas Co's Works at Coney Island; such deliveries to be made as the business of the second party may require, orders in writing to be duly given of such requirements by second party,

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified.

The party of the first part agrees that there will be no un-

usual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for delays in the delivery of same caused by fires, strikes, accidents, or other unavoidable causes.

It is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

It is further understood that in case we are obliged to make deliveries by tank cars, we are to receive an additional margin of ⅛ of a cent per gallon for all such deliveries, making the tank car price .375c. per gallon.

STANDARD OIL COMPANY OF NEW YORK
By C. M. HIGGINS
Director
BROOKLYN BOROUGH GAS COMPANY
By G. H. WOODALL
General Manager.

DEFENDANT'S EXHIBIT AA78

Agreement made this first day of October A. D. 1915 between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and Brooklyn Borough Gas Company, Coney Island, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity the second party shall use in the manufacture of gas in its plant during the contract period beginning upon expiration of contract dated June 17, 1914 and ending when the full quantity is taken; such supply to be Two Million (2,000,000) gallons; and the party of the second part buys and agrees to receive the same at and for the price of Three and Seven Eighths (3⅞) cents per gallon delivered by bulk boat at the mouth of the pipe line leading to the Gas Co.'s works, such deliveries to be made as the business of the second party may require, orders in writing to be duly given of such requirements by second party, but not less than one tank boat at any one time.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for delays in the delivery of same caused by fires, strikes, accidents, or other unavoidable causes.

It is Agreed between the parties hereto that prompt unloading of the cars shall be within forty-eight (48) hours (Sundays and legal holidays excluded) after their delivery hereunder to the party of the second part.

It is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

It is further understood that in the event of the party of the first part being obliged to make deliveries of the oil in tank cars, the price of the oil is to be four (4) cents per gallon for such deliveries.

STANDARD OIL COMPANY OF NEW YORK
By C. M. HIGGINS
Director.

BROOKLYN BOROUGH GAS COMPANY
By G. H. WOODALL
General Manager.

DEFENDANT'S EXHIBIT AA79

Agreement made this 7th day of February, A. D., 1911, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the New York and Richmond Gas Company, Clifton, Staten Island, party of the second part:

Witnesseth: In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

The party of the first part sells and agrees to deliver to the party of the second part, their successors or assigns, Three Million (3,000,000) Gallons of Gas Oil, 28 to 34 gravity—to average about 32.

The party of the second part shall use the Gas Oil in its plant during the contract period, beginning February 11th, 1911, continuously until the full quantity is taken.

The party of the second part agrees to receive the Gas Oil at and for the price of Two and Two Hundred Twenty Five Thousandths (2.225) Cents per gallon, delivered in tank boats at the mouth of the pipe line leading to the Gas Works in Clifton, Staten Island; the deliveries to be made as the business of the party of the second part may require, and as they in writing order the first party to have two weeks' notice of shipments required;

The proper loading of the oil to be certified to by a representative of the New York Produce Exchange—a certificate of this inspection to accompany each invoice if required.

Terms: Net cash thirty (30) days after date of invoice; interest at 6% thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK
By C. M. HIGGINS
NEW YORK AND RICHMOND GAS COMPANY.
By F. H. SHELTON

DEFENDANT'S EXHIBIT AA80

Department of Gas Oil
S. O. Co.
of
Jan. 17 1913
New York
C. M. HIGGINS

Agreement made this 30th day of December, A. D., 1912, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the New York and Richmond Gas Company, Clifton, Staten Island, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity, (to average about 32) the second party shall use in the manufacture of gas in its plant during the contract period beginning upon the expiration of contract dated February 7th, 1911, and ending when Fifteen Hundred Thousand (1,500,000) Gallons have been delivered, and not at a later date than twelve (12) months following the date of the first delivery.

2. The party of the second part agrees to receive the Gas Oil defined in Section 1 at and for the price of Four and Seven Eights (4⅞) Cents per gallon delivered in tank boats at the mouth of the pipe line leading to the Gas Works, Clifton, Staten Island; the deliveries to be made as the business of the party of the second part may require and as they in writing order; the first party to have two weeks' notice of shipments required.

The usual charge of Three Dollars ($3.00) per hour for pumping the oil from the boat through the pipe line into the tanks of the New York & Richmond Gas Company, the same as heretofore, being a part of this agreement.

The proper loading of the oil to be certified to by a representative of the New York Produce Exchange—a certificate of such inspection to accompany each invoice if required.

Terms: Net cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK
By C. M. HIGGINS
NEW YORK AND RICHMOND GAS COMPANY.
By F. H. SHELTON

4.3/3

DEFENDANT'S EXHIBIT AA81

Naphtha Department
May 25 1906
C. M. HIGGINS

Agreement made this 24th day of May, A. D., 1906, between the Standard Oil Company of New York, party of the first part, and New York and Richmond Gas Company, Stapleton, Staten Island, party of the second part.

Witnesseth: For valuable considerations it is agreed between the parties aforesaid as follows:

The first party agrees to and does hereby sell to the second party, and the second party agrees to and does hereby purchase from the first party, one year's supply, approximately, eight hundred and twenty five thousand (825,000) gallons of Gas Oil, a product run from Texas Crude Oil, or other crude oils, at and for the price of two and seven-eighths (2,7/8) cents per gallon delivered in bulk-boat at the mouth of the pipe line leading to the Gas Company's tankage at Stapleton, Staten Island.

Invoices shall be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange petroleum inspector.

This contract is to remain in force for one (1) year from June 1, 1906.

The first party agrees that there shall be no unnecessary or unusual detention in the shipment of the Gas Oil herein mentioned, but they shall not be held responsible for accidents or unavoidable delays in the delivery of same.

Terms: Net cash thirty (30) days after date of shipment. Payments to be made in New York Exchange.

In Witness Whereof the said parties have executed this agreement in duplicate the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK
By C. M. HIGGINS
Manager, Naphtha Department.
NEW YORK AND RICHMOND GAS COMPANY
By CHAS. BLANKSTRAND
Treas.

DEFENDANT'S EXHIBIT AA82

Agreement made this 13th day of October, A. D., 1908, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the New York and Richmond Gas Company, Clifton, Staten Island, party of the second part.

Witnesseth: In consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

The party of the first part sells and agrees to deliver to the party of the second part, their successors or assigns, Two Million Two Hundred Thousand (2,200,000) gallons of Gas Oil, 28 to 34 gravity, to average about 32.

The party of the second part shall use the Gas Oil in its plant during the contract period, beginning May 1st, 1909, continuously until the full quantity is taken.

The party of the second part agrees to receive the Gas Oil at and for the price of Two and Two Hundred Twenty Five Thousandths (2.225) Cents per gallon, delivered in tank boats at the mouth of the pipe line leading to the Gas Works in Clifton, S. I.; deliveries to be made as the business of the party of the second part may require, and as they in writing order; the first party to have two weeks' notice of shipments required.

The proper loading of the oil to be certified to by a representative of the New York Produce Exchange—a certificate of this inspection to accompany each invoice if required.

Terms: Net cash thirty (30) days after date of invoice; interest at 6% thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK
C. M. HIGGINS
NEW YORK & RICHMOND GAS COMPANY
F. H. SHELTON

DEFENDANT'S EXHIBIT AA83.

M G

Agreement made this 15th day of November A. D. 1911 between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Queens Borough Gas and Electric Company, Far Rockaway, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28/34 gravity—to average 34 the second party shall use in the manufacture of gas in its plant

during the contract period beginning upon the expiration of contract and ending when the full quantity is taken; such dated April 6th, 1909, supply to be Three Million (3,000,000) gallons.
Up to April 3 del'd..... 2,776,329
3

223,671

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of Two and Sixty Hundredths (2.60) cents per gallon delivered in bulk boat at the mouth of pipe line leading to the Gas Co.'s tanks at Rockaway Park, L. I.; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one tank car at any one time.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that prompt unloading of the cars shall be within forty-eight (48) hours (Sundays and legal holidays excluded) after their delivery hereunder to the party of the second part.

It Is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS,
QUEENS BOROUGH GAS AND ELECTRIC COMPANY,
By CARLTON MACY
President

Notes—Should ice or other conditions arise, making it impossible for the seller to deliver the oil by bulk boat, for any oil delivered in tank cars during such period, the buyer agrees to receive the deliveries in this manner at the price of 2.90¢ per gallon.

DEFENDANT'S EXHIBIT AA84.

Agreement made this 30th day of April, A. D., 1914, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of

the first part, and the Queens Borough Gas & Electric Company, Far Rockaway, New York, *party of the second part*, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity, (to average 34) the second party shall use in the manufacture of gas in its plant during the contract period beginning upon the expiration of contract dated November 15th, 1911, and ending when the full quantity is taken; such supply to be Three Million Five Hundred Thousand (3,500,000) Gallons.

2. The party of the second part agrees to receive the Gas Oil defined in Section 1 at and for the price of Four (4) Cents per gallon delivered in bulk boats at the mouth of the pipe line leading to the Gas Company's tanks at Rockaway Park, L. I.; such deliveries to be made as the business of the second party may require and as they in writing order.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of said party of the second part continuously until the full quantity, Three Million Five Hundred Thousand (3,500,000) Gallons, has been taken.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It is further understood that should ice or other conditions arise, making it impossible for the seller to deliver the oil by bulk boat, for any oil delivered in tank cars during the life of this agreement the buyer agrees to receive the deliveries in this manner at the price of Four and Thirty Hundredths (4.30) Cents per gallon.

It Is Agreed between the parties hereto that payments shall be made in cash thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS
Director

QUEENS BOROUGH GAS & ELECTRIC COMPANY,
By CARLTON MACY,
President.

DEFENDANT'S EXHIBIT AA85.

M G

File in my safe, Far Rockaway C. M.

4/24/09

Agreement made this 6th day of April A. D. 1909, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and Queens Borough Gas and Electric Company, Far Rockaway, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity—to average 34 (?) the

32

—

second party shall use in the manufacture of gas in its plant during the contract period beginning April 6th, 1909, and ending when full quantity is taken, such supply to be Three Million (3,000,000) gallons.

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of Two and One Half (2.50) cents per gallon delivered in bulk boat to Gas Co's Tanks, Rockaway Park, N. Y; each delivery to be approximately 60,000 gallons; such deliveries to be made as the business of the second party may require and as they in writing order.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until full quantity is taken but total deliveries shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that prompt unloading of the cars shall be within forty-eight (48) hours (Sundays and legal holidays excluded) after its delivery hereunder to the party of the second part.

It Is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice, interest at six (6) per cent. thereafter, funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS,
Manager, Naphtha Department

QUEENS BOROUGH GAS & ELECTRIC COMPANY,
By CARLETON MACY

DEFENDANT'S EXHIBIT AA86.

File in my safe, Far Rockaway C. M.

M G

Naphtha Department
April 6 1907
C. M. HIGGINS

Agreement made this 5th day of April A. D. 1907 between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and Queens Borough Gas & Electric Company, Far Rockaway, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part the number of gallons of Gas Oil, 28 to 34 gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning April 5th, 1907 and ending when full quantity is taken; such supply to be Seven Hundred Thousand (700,000) gallons.

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of Four and Five-Eighths, (4.5/8) cents per gallon delivered in tank cars at Rockaway Park, N. Y. (or by boat at option of seller) on the L I RR; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one tank car at any one time.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part during the period embraced in this agreement, but total deliveries for the year shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accident or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that prompt unloading of the cars shall be within forty-eight (48) hours (Sundays and legal holidays excluded) after its delivery hereunder to the party of the second part.

It Is Agreed between the parties hereto that payments shall be made in cash, monthly, on invoices of the preceding month, interest at six (6) per cent. thereafter, funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS,
Manager, Naphtha Department.

QUEENS BOROUGH GAS & ELECTRIC COMPANY,
By CARLETON MACY,
President

DEFENDANT'S EXHIBIT AA87.

Agreement made this 8th day of November, A. D. 1911, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and

Bronx Gas and Electric Company, Westchester, New York, party of the second part, Witnessth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning upon expiration of contract dated July 23, 1908, and ending when the full quantity is taken; such supply to be Two Million (Seller's option to deliver an additional 1,000,000 gallons at 3c. per gallon (2,000,000) gallons.

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of Three (3) cents per gallon delivered in tank boats at Unionport, N. Y.; such deliveries to be made as the business of the second party may require and as they in writing order.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK.
By C. M. HIGGINS

BRONX GAS AND ELECTRIC COMPANY.
By E. H. ROSENQUEST
Pres.

N. Y. Public Service Commission, 1st Dist.
Order No. ——.
Case No. 651.
Date 1/7/16.
Commissioner's Exhibit No. 45.
C. G. ALLEN, *Reporter.*

DEFENDANT'S EXHIBIT AA88.

M. G.

Agreement made this tenth day of September, A. D. 1914, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and

Bronx Gas and Electric Company, Westchester, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil, 28 to 34 gravity the second party shall use in the manufacture of gas in its plant during the contract period beginning September 7, 1914, and ending when the full quantity is taken; such supply to be Two Million (2,000,000) gallons; and the party of the second part buys and agrees to receive the same at and for the price of Three and One Half (3½) cents per gallon delivered in tank boats at Unionport, N. Y.; such deliveries to be made as the business of the second party may require, orders in writing to be duly given of such requirements by second party.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken, but total deliveries shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for delays in the delivery of same caused by fires, strikes, accidents, or other unavoidable causes.

It Is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

By this writing the balance due on contract between the parties, same of date of June 1, 1914, is abrogated.

STANDARD OIL COMPANY OF NEW YORK.
By C. M. HIGGINS
Director.

BRONX GAS AND ELECTRIC COMPANY.
By E. H. ROSENQUEST

DEFENDANT'S EXHIBIT AA89.

Oil contract, same as Defts' Ex. AA50. Not printed here.

DEFENDANT'S EXHIBIT AA90.

Agreement made this 1st day of January, A. D., 1911, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the New York Mutual Gas Light Company, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plant during the contract period beginning January 1st, 1911, and ending December 31st, 1911; such supply to be Eleven Million (11,000,000) gallons, 10% more or less; 50% of this amount to be a homogeneous Gas Oil of 28 to 30° gravity; 50% to be a Gas Oil of 34° gravity Beaume; such deliveries to be made as the business of the second party may require and as they in writing order.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three (3) Cents per gallon for the 28/30 gravity oil, and Three and Three Eighths (3⅜) Cents per gallon for the 34 gravity oil delivered at the mouth of the pipe line at the dock or receiving point of the plant of the party of the second part in New York City.

Invoices are to be rendered and payments made on gallons certified to at loading point by a property authorized New York Produce Exchange Inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said second party continuously and for the period above mentioned.

Option is given to second party to draw a supply covering the second year's requirements under the prices and terms expressed herein; said option to be exercised on or before December 1st, 1911.

A further option is given the second party to draw a supply covering the third year's requirements under the prices and terms expressed herein; said option to be exercised on or before December 1st, 1912.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall

be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK.
By C. M. HIGGINS

NEW YORK MUTUAL GAS LIGHT COMPANY,
By R. M. GALLAWAY,
President.

DEFENDANT'S EXHIBIT AA91.

M G

Department of Gas Oil
S. O. Co.
of
S. O. Co.
Dec 4 1912
New York
C. M. HIGGINS

Agreement made this 3rd day of December, A. D., 1912, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and The New York Mutual Gas Light Company, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plant during the contract period beginning January 1st, 1913, and ending December 31st, 1913; such supply to be Ten Million (10,000,000) Gallons, 10% more or less, of Gas Oil of Twenty-Eight (28) to Thirty-Four (34) gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three and Eighteen Hundred Seventy Five Ten Thousands (3.1875) Cents per gallon delivered at the mouth of the pipe line at the dock or receiving point of the plant of the party of the second part in New York City; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange Inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said second party continuously and for the period above mentioned.

The party of the first part agrees that there will be no un-

usual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents and unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK.
By C. M. HIGGINS
Director
THE NEW YORK MUTUAL GAS LIGHT COMPANY.
By ROB. M. GALLAWAY

DEFENDANT'S EXHIBIT AA92.

M G

Agreement made this 30th day of June, A. D., 1914, between the Standard Oil Company of New York, party of the first part, and the New York Mutual Gas Light Company, party of the second part, Witnesseth:

In Consideration of the mutuality hereof it is agreed between the parties hereto as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part, its successors or assigns (on the terms and conditions hereinafter mentioned) Twenty Eight Million (28,000,000) Gallons of a homogeneous Gas Oil of not less than 28 degrees gravity Beaume, and of a quality equivalent for gas making purposes to similar gravities received by the Gas Company during the year prior to the date of this contract, for consumption in the business of the party of the second part in its plant in New York City.

2. The party of the second part hereby purchases Twenty Eight Million (28,000,000) Gallons of Gas Oil, specified above, and agrees to receive the same within the contract period beginning July 1st, 1914, and ending December 31st, 1916.

3. The party of the second part agrees to receive the oil defined in section 1 at and for the price of Three and Thirty Five Thousandths (.03035) Cents per gallon delivered at the mouth of the pipe line at the dock or receiving point of the plant of the party of the second part in New York City; such deliveries to be made as the business of the second party may require and as it in writing shall order, but not less than one tank barge at any one time, and the total deliveries shall not exceed the quantity above specified.

4. If the party of the second part finds that it will be unable to take during the contract period the entire contract quantity, it shall so notify the party of the first part in writing, if possible

three months prior to December 31st, 1916, but not later than December 1st, 1916; and in that event, or if no such notice is given, the party of the first part shall then have the option, to be communicated in writing to the party of the second part on or before December 1st, 1916, of cancelling the balance which may remain undelivered at the expiration of the contract period, or of continuing the deliveries until the entire contract quantity shall have been delivered. In the latter event the party of the second part shall place orders, and the party of the first part shall make deliveries in like manner as hereinbefore provided in respect of the contract period.

5. The quantities from time to time delivered hereunder shall be measured and invoices rendered, and payments made on the basis of the number of gallons certified to have been loaded by a proper authorized New York Produce Exchange Inspector.

6. All orders shall be filled with reasonable promptness by the party of the first part, but said party of the first part shall not be held responsible for damages or delay caused by fire, strikes, differences with workman, or other causes beyond its control.

7. This Agreement is understood to cover all the liquid gas making material that will be required for use in the plant of the said second party continuously and for the period above mentioned.

8. By this writing it is mutually understood and agreed between the parties hereto that the contract bearing date of the 21st day of May, 1913, is hereby abrogated.

9. It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice, or on demand thereafter with interest at six (6) per cent.

In Witness Whereof the parties hereto have caused these presents to be duly executed the day and year first written above.

STANDARD OIL COMPANAY OF NEW YORK
C. M. HIGGINS,
Director.

Attest:
L. M. KERR,

NEW YORK MUTUAL GAS LIGHT COMPANY
R. M. GALLAWAY
President.

Attest:
O. E. PAYNTER
42 Wall St., N. Y. City.

DEFENDANT'S EXHIBIT AA93.

M G

Agreement made this 1st day of January, A. D., 1912, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Brooklyn Union Gas Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plants during the contract period beginning January 1st, 1912, and ending December 31st, 1912; such supply to be Fifty Million (50,000,000) Gallons, 10% more or less; 50% of this amount to be a Gas Oil of 28 to 30° gravity; 50% to be a Gas Oil of 34° gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three (3) Cents per gallon for the 28 30 gravity oil, and Three and Three Eighths (3-3/8) Cents per gallon for the 34 gravity oil delivered at the mouth of the pipe line at the dock or receiving point of the several plants of the party of the second part in Brooklyn, New York, except at the Williamsburg plant where delivery is made by pipe line; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plants of the said second party continuously and for the period above mentioned.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS.
BROOKLYN UNION GAS COMPANY,
By J. H. SANDERS,
Vice President & Chief Engineer

Contract No. 905.
Naphtha Department
S. O. Co.
of
Jan 5 1912
New York
C. M. Higgins

DEFENDANT'S EXHIBIT AA94

M G

Naphtha Department
S. O. Co.
of
Jan 31 1913
New York
C. M. Higgins

Agreement made this 22nd day of November, A. D., 1912, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and The Brooklyn Union Gas Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plants during the contract period beginning January 1st, 1913, and ending December 31st, 1913; such supply to be Sixty Million (60,000,000) Gallons of Gas Oil of Twenty-Eight (28) to Thirty-Four (34) gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Four and One Half (4-½) Cents per gallon delivered at the mouth of the pipe line at the dock or receiving point of the several plants of the party of the second part in Brooklyn, New York, except at the Williamsburg plant where delivery is made by pipe line; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange Inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plants of the said second party continuously until the full quantity is taken, the period of time being understood as mentioned above—from January 1st, 1913, to December 31st, 1913.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS.
THE BROOKLYN UNION GAS COMPANY,
By J. H. SANDERS,
Vice Prest.

DEFENDANT'S EXHIBIT AA95

M G

Department of Gas Oil
S. O. Co.
of
Jun 21 1913
New York
C. M. HIGGINS

5c 1913 Abrogated in June 1914. Price then was 3.345.

Agreement made this 10th day of June, A. D., 1913, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and The Brooklyn Union Gas Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plants during the contract period beginning January 1st, 1914, and ending December 31st, 1914; such supply to be Sixty Five Million (65,000,000) Gallons of Gas Oil of Twenty-Eight (28) to Thirty-Four (34) gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Five (5) Cents per gallon delivered at the mouth of the pipe line at the dock or receiving point of the several plants of the party of the second

part in Brooklyn, New York, except at the Williamsburg plant where delivery is made by pipe line; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange Inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plants of the said second party continuously until the full quantity is taken, the period of time being understood as mentioned above—from January 1st, 1914, to December 31st, 1914.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date written herein.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS,
Director.

THE BROOKLYN UNION GAS COMPANY,
By J. H. SANDERS,
Vice Prest.

DEFENDANT'S EXHIBIT AA96

M G

Agreement made this 30th day of June, A. D., 1914, between the Standard Oil Company of New York, party of the first part, and The Brooklyn Union Gas Company, party of the second part, Witnesseth:

In Consideration of the mutuality hereof it is agreed between the parties hereto as follows:

1. The party of the first part hereby sells and agrees to deliver to the party of the second part, its successors or assigns (on the terms and conditions hereinafter mentioned) One Hundred Seventy One Million (171,000,000) Gallons of a homogeneous Gas Oil of not less than 28 degrees gravity Beaume, and of a quality equivalent for gas making purposes to similar gravities received by the Gas Company during the year prior to the date of this contract, for consumption in the business of the party of the second part in its plants in Brooklyn, New York.

2. The party of the second part hereby purchases One Hundred Seventy One Million (171,000,000) Gallons of Gas Oil,

specified above, and agrees to receive the same within the contract period beginning July 1st, 1914, and ending December 31st, 1916.

3. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three and Three Hundred Forty Five Ten Thousandths (.030345) Cents per gallon delivered at the mouth of the pipe line at the dock or receiving point of the several plants of the party of the second part in Brooklyn, N. Y., except at the Williamsburgh plant where delivery is made by pipe line; such deliveries to be made as the business of the second party may require and as it in writing shall order. The total deliveries shall not exceed the quantity above specified.

4. If the party of the second part finds that it will be unable to take during the contract period the entire contract quantity, it shall so notify the party of the first part in writing, if possible three months prior to December 31st, 1916, but not later than December 1st, 1916; and in that event, or if no such notice is given, the party of the first part shall then have the option, to be communicated in writing to the party of the second part on or before December 1st, 1916, of cancelling the balance which may remain undelivered at the expiration of the contract period, or of continuing the deliveries until the entire contract quantity shall have been delivered. In the latter event, the party of the second part shall place orders, and the party of the first part shall make deliveries in like manner as hereinbefore provided in respect of the contract period.

5. The quantities from time to time delivered hereunder shall be measured and invoices rendered, and payments made on the basis of the number of gallons certified to have been loaded by a properly authorized New York Produce Exchange Inspector.

6. All orders shall be filed with reasonable promptness by the party of the first part, but said party of the first part shall not be held responsible for damages or delay caused by fire, strikes, differences with workmen, or other causes beyond its control.

7. This Agreement is understood to cover the liquid gas making material that will be required for use in the plants of the said second party continuously and for the period above mentioned.

8. By this writing it is mutually understood and agreed between the parties hereto that the contract bearing date of the 10th day of June, 1913, is hereby abrogated.

9. It Is Agreed between the parties hereto that payments shall be made in each thirty (30) days after date of invoice, or on demand thereafter with interest at six (6) per cent.

In Witness Whereof the parties hereto have caused these presents to be duly executed the day and year first written above.

STANDARD OIL COMPANY OF NEW YORK,
C. M. HIGGINS,
Director.

Attest:
L. M. KERR,

THE BROOKLYN UNION GAS COMPANY,
J. H. SANDERS,
Vice-President

Attest:
F. W. HOGAN,
Asst. Secretary.

DEFENDANT'S EXHIBIT AA97

(Copy)
Dictated

Standard Oil Company of New York
26 Broadway

New York, Feb. 7, 1913

Subject

Department of Gas Oil
Rooms 509-514
C. M. HIGGINS
(Ex A A 97 B G)

Mr. M. H. Spear, Mgr.,
New York & Queens Gas Co.,
Flushing, L. I.

Dear Sir:—

We have your order of the 6th for 100,000 gallons Gas Oil. This leaves a small balance due on your contract.

We are not in a position to make a contract and, in fact, cannot promise to supply your current wants. This is on account of the falling away in the production of crude oil and consequently, less oil to be converted into products for use by gas companies.

We will ask you to kindly govern your future operations accordingly.

Very truly yours,
(Signed) C. M. HIGGINS

DEFENDANT'S EXHIBIT AA98

(Copy)

Agreement made this 25th day of September, A. D. 1908, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and New York and Queens Gas Company, Flushing, New York, party of the second part,

WITNESSETH:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns the number of gallons of Gas Oil, 28 to 34 gravity, the second party shall use in the manufacture of gas in its plant during the contract period beginning September 25th, 1908, and ending when full quantity is taken, such supply to be Four Million (4,000,000) gallons, 10% more or less.

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of Three (3) cents per gallon delivered in bulk boat Flushing Creek at the mouth of pipe line of the New York & Queens Gas Co. ; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one tank car at any one time.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part, continuously until full quantity is taken but total deliveries for the period shall not exceed the quantity above specified.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that prompt unloading of the cars shall be within forty-eight (48) hours (Sundays and legal holidays excluded) after its delivery hereunder to the party of the second part.

It Is Agreed between the parties hereto that payments shall be made in cash, thirty days after date of invoice, interest at six (6) per cent. thereafter, funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK.
C. M. HIGGINS,
By Manager, Naptha Department

NEW YORK AND QUEENS GAS COMPANY.
By

(Endorsed): Oil Contract N. Y. & Q. Gas Co. Contract with Standard Oil Co. Dated Sept. 25th, 1908. Expiring 4,000,000 gals.

DEFENDANT'S EXHIBIT AA99

(copy)

Stamp
Naptha Department
May 4 1907 C. M. HIGGINS

Agreement made this 1st day of April, A. D., 1907 between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and New York & Queens Gas Company, Flushing, Long Island, party of the second part,

WITNESSETH

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plant during the contract period beginning April 1st, 1907, and ending when the full quantity is taken—such supply to be Eight Hundred Thousand (800,000) gallons,

2. The party of the second part agrees to receive the Gas Oil defined in section 1 at and for the price of Four and Two Hundred and Sixty-Five Thousandths (4.265) cents per gallon deilvered in tank cars at Flushing, Long Island, on the Long Island R. R.; such deliveries to be made as the business of the second party may require and as they in writing order, but not less than one tank car at any one time.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said party of the second part continuously until the full quantity is taken.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that prompt unloading of the cars shall be within forty-eight (48) hours (Sundays and legal holidays excluded) after its delivery hereunder to the party of the second part.

It Is Agreed between the parties hereto that payments shall be made in cash, monthly, on invoices of the preceding months, interest at six (6) per cent. thereafter, funds current in New York.

In Witness Whereof, the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK,
C. M. HIGGINS,
Manager Naptha Department.
NEW YORK & QUEENS GAS COMPANY
HENRY R. NILSON,
Vice Prest.

DEFENDANT'S EXHIBIT AA100

Stamp
Naptha Department
March 3 1905 C. M. HIGGINS

Agreement made this 3rd day of March, A. D. 1905, between the Standard Oil Company of New York, party of the first part, and New York & Queens Gas Company, Flushing, Long Island, party of the second part,

Witnesseth: For valuable considerations it is agreed between the parties aforesaid, as follows:

The first party agrees to and does hereby sell to the second party and the second party agrees to and does hereby purchase from the first party, all the Gas Oil the second party shall use in the manufacture of Gas in its plant during one (1) year from March 3, 1905, such supply estimated to be Four Hundred Thousand, (400,000) gallons, more or less, at and for the price of Four and One-Eight, (4⅛) cents per gallon, in tank cars, delivered.

The first party shall deliver the aforesaid goods at Flushing, Long Island,—Long Island RR. as the business of the second party may require and as they in writing order, but not less than one tank car at any one time, and as near as may be in equal quantities until the whole amount contracted for is delivered. This agreement is understood to cover all the liquid Gas-making material that may be required for use in the plant of the party of the second part during the period embraced in this agreement.

The first party agrees that there shall be no unnecessary or unusual detention in the shipment of the goods herein mentioned, but they shall not be held responsible for accidents or unavoidable delays in the delivery of same.

There shall be no delays in unloading cars. If cars are detained at destination over 48 hours, (Sundays and legal holidays excepted) for the first day's detention thereafter there will be a charge of $1.00; for the second day, $2.00; for the third and each succeeding day, $3.00.

Terms: Net cash thirty (30) days after date of shipment and remittances to be made in exchange on a New York City bank.

In Witness Whereof the said parties have executed this agreement in duplicate the day and date first written herein.

It is further understood and agreed between the parties that this contract is to remain in force until the 400,000 gallons have been taken.

STANDARD OIL COMPANY OF NEW YORK
By C. M. HIGGINS,
Manager, Naptha Department.

NEW YORK & QUEENS GAS COMPANY,
By CHARLES G. M. THOMAS,
Vice President

DEFENDANT'S EXHIBIT AA101

Standard Oil Company of New York.
26 Broadway

Wm. Rockefeller, President.
Wm. G. Rockefeller, Treasurer.
Wm. P. Howe, Ass't Treasurer.

New York, Jul. 8, '04

Gen. James Jourdan, Prest.,
Brooklyn Union Gas Co.,
180 Remsen St., Brooklyn, N. Y.

Dear Sir:—

We beg herewith to confirm our verbal sale to you to-day of Eighty-three million (83,000,000) gallons Gas Oil to be delivered in bulk by tank boats alongside the works of your Company in Brooklyn as you may designate during the two years beginning July 1, 1904, and ending June 30, 1906. On account of the above sale we are to deliver Twenty-one Million (21,000,000) gallons of a gravity which shall not be below 28 degrees Beaume, or of a higher gravity at our option, the price of such oil to be four and four one hundredths (4-4/100) cents per gallon net, and Sixty-two million (62,000,000) gallons of a gravity which shall not be below 34 degrees Beaume, or of a higher gravity at our option, the price of such oil to be four and five eighths (4⅝) cents per gallon net.

This material is to be taken currently as the same may be required by you during the period mentioned, and is understood to cover your entire supply of liquid gas-making material during that period.

Invoices shall be rendered and payments made on gallonage certified to at loading point by properly authorized New York Produce Exchange Petroleum Inspector. Terms of payment shall be cash as heretofore.

If the above conforms to your understanding of the matter, please make acknowledgment in writing to that effect, and oblige,

Yours truly,

WM. P. HOWE
Ass't. Treasurer.

Accepted July 8th

J. JOURDAN, *Pres.*
THE BROOKLYN UNION GAS CO.
Letter Conforming
July 8, 1904
W. A. ESSIE, *Secretary*
E A S

DEFENDANT'S EXHIBIT AA102.

Dictated

Standard Oil Company of New York,
26 Broadway.

Naptha Department.
Room 802.
C. M. HIGGINS,
Manager.

New York, Nov. 1st, 1906
Subject:

Gen. James Jourdan, *President,*
Brooklyn Union Gas Company,
180 Remsen Street,
Brooklyn, N. Y.

Dear Sir:—

In accordance with our understanding of October 30th:

We hereby agree to sell you sixty five million (65,000,000) gallons of gas oil, to be delivered in bulk by tank boats, alongside the works of the Brooklyn Union Gas Company of Brooklyn, New York, as you, or your engineers may designate, during the twenty months (20) beginning November 1st, 1906, and ending June 30th, 1908.

Of the foregoing oil, forty percent (40%) is to be of a gravity which shall not be below 34° Beaumé, or of a higher gravity at our option. The price of such oil is to be 4.875 cts. per gallon.

The remainder of the sixty five million (65,000,000) gallons is to be of a gravity not below 28° Beaumé, or of a higher gravity at our option, for which the price is to be 1.29 cts. per gallon.

The aggregate deliveries of both grades is stated approximately sixty five million (65,000,000) gallons for the period above mentioned.

The said oil is to cover your entire supply of liquid gas making material during the period named, and is to be delivered and received as required by you as follows:

Brooklyn Union Gas Company .....2.....

Oil of 34° gravity or above, during the months of November, December, January February and March, of each year.

Oil of 28° gravity or above, during the months of March, April, May, June, July, August, September, October and November of each year.

It shall be the duty of the seller to, as far as possible, carry out the deliveries of the different gravities of oil as specified above during the different months as called for:—but the agreement or understanding is that the contract, insofar as the seller is concerned, is flexible,—and with ten days notice the seller reserves the privilege of substituting the higher grav-

ity of oil during the months where the lower gravity is required, as stated above,—or vice versa.

The gas oil we expect to furnish you will be homogeneous oil, and of the gravities agreed upon.

Invoices shall be rendered and payments made on the gallonage certified to at the loading point by a properly authorized New York Produce Exchange Petroleum Inspector. The terms of payment shall be cash, as heretofore.

Kindly signify your acceptance of this agreement in writing, and oblige,

STANDARD OIL COMPANY OF NEW YORK.
C. M. HIGGINS
Manager Naptha Department
BROOKLYN UNION GAS COMPANY
JAMES JOURDAN
President

EASS

DEFENDANT'S EXHIBIT AA103.

Agreement made this 1st day of January, A. D., 1911, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Brooklyn Union Gas Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plants during the contract period beginning January 1st, 1911, and ending December 31st, 1911; such supply to be Forty Eight Million (48,000,000) Gallons, 10% more or less; 50% of this amount to be a Gas Oil of 28 to 30° gravity; 50% to be a Gas Oil of 34° gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three (3) Cents per gallon for the 28/30 gravity oil, and Three and Three Eighths (3⅜) Cents per gallon for the 34 gravity oil delivered at the mouth of the pipe line at the dock or receiving point of the several plants of the party of the second part in Brooklyn, New York, except at the Williamsburg plant where delivery is made by pipe line; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange inspector.

This Agreement is understood to cover the liquid gas making

material that will be required for use in the plants of the said second party continuously and for the period above mentioned.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK.
By C. M. HIGGINS

BROOKLYN UNION GAS COMPANY.
By JAMES H. JOURDAN
Vice Pres.

Ent.

Contract No. 707.

DEFENDANT'S EXHIBIT AA104.

Agreement made this 1st day of January, A. D., 1912, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and the Brooklyn Union Gas Company, Brooklyn, New York, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plants during the contract period beginning January 1st, 1912, and ending December 31st, 1912; such supply to be Fifty Million (50,000,000) gallons, 10% more or less; 50% of this amount to be a Gas Oil of 28 to 30° gravity; 50% to be a Gas Oil of 34° gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three (3) Cents per gallon for the 28/30 gravity oil, and Three and Three Eighths (3⅜) Cents per gallon for the 34 gravity oil delivered at the mouth of the pipe line at the dock or receiving point of the several plants of the party of the second part in Brooklyn, New York, except at the Williamsburg plant where delivery is made by pipe line; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange inspector.

This Agreement is understood to cover the liquid gas mak-

ing material that will be required for use in the plants of the said second party continuously and for the period above mentioned.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK.
By C. M. HIGGINS
BROOKLYN UNION GAS COMPANY
By JAMES H. JOURDAN
Vice President
& Chief Engineer

Ent
Contract No. 905.

DEFENDANT'S EXHIBIT AA105.

M G

STANDARD OIL COMPANY OF NEW YORK.
26 Broadway.
WM. ROCKEFELLER, *President.*
WM. G. ROCKEFELLER, *Treasurer*
WM. P. HOWE, *Ass't. Treasurer*

New York, Jun. 24, 1904

MR. ROBERT M. GALLAWAY, *Prest.*,
New York Mutual Gas Light Co.,
36 Union Square, East, New York.

My dear Sir:—

We beg herewith to confirm our verbal sale to you to-day of twenty-eight million (28,000,000) gallons Gas Oil of a gravity not lower than 34 degrees Beaume, or of a higher gravity at our option, to be delivered in bulk by tank boats alongside your Works in this City during the two years beginning July 1st, 1904 and ending June 30th, 1906, the price to be four and five-eighths (4-5/8) cents net per gallon. This material to be taken currently as the same may be required by you during the period mentioned, and is understood to cover your entire supply of liquid gas making material during that period.

Invoices to be rendered and payments made on gallonage certified to at loading point by properly authorized New York Produce Exchange Petroleum Inspector. Terms of payment to be cash, as heretofore.

Deliveries shall not be applied on this sale until completion

of deliveries under contract now in force between us dated May 7th, 1903.

If the above conforms to your understanding of the matter, please make acknowledgment in writing to that effect, and oblige,

Yours truly,
WM. P. HOWE
Ass't. Treasurer.

R M G June 27, 1904

STANDARD OIL COMPANY OF NEW YORK.
26 Broadway.
WM. ROCKEFELLER, *President*
WM. G. ROCKEFELLER, *Treasurer*
WM. P. HOWE, *Ass't. Treasurer*

New York, June 24, 1904

MR. R. M. GALLAWAY, *Prest.*,
New York Mutual Gas Light Co.,
36 Union Square, East,
New York.

My dear Sir:—

In reference to your purchase to-day for account of your Company of twenty-eight million gallons gas oil, we would state that in the event of the delivery of this quantity not being completed by July 1st, 1906, we will extend the period to Sept. 1st, 1906.

Yours truly,
WM. P. HOWE
Ass't. Treasurer.

Office of
THE NEW YORK MUTUAL GAS-LIGHT COMPANY,
36 Union Square, East.
New York.

June 27, 1904

WILLIAM P. HOWE, Esq., *Asst. Treas.*,
Standard Oil Co.,
26 Broadway, N. Y.

Dear Sir:—

I have your proposition of June 24th, 1904, in relation to the furnishing of twenty eight millions (28,000,000) gallons of gas oil of a gravity not less than thirty four (34) degrees beaume —or a higher gravity at your option; and would state that the details contained in your proposition conform to our understanding of the matter.

I remain,
Yours very truly,
R M G
President.

DEFENDANT'S EXHIBIT AA106.
STANDARD OIL COMPANY OF NEW YORK.
26 Broadway.

Naphtha Department
Aug. 21 1907
C. M. HIGGINS

Naphtha Department.
Room 802.
C. M. HIGGINS,
Manager.

New York, July 1, 1907
Subject

Memorandum of Agreement between the Standard Oil Company of New York, and the New York Mutual Gas Light Company:

From June 20, 1907 to June 30, 1908, the party of the first part agrees to deliver 15,000,000 gallons of Gas Oil, which quantitly is understood to be within 10%, more or less, of the amount required to operate the plant of the party of the second part between the dates above mentioned;—this Gas Oil to be 28 to 34 gravity, of the same grade and quality that is furnished to other companies, at a price of 4.875 cents per gallon delivered in barges at the mouth of the pipe line leading to the plant of the party of the second part.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange Inspector.

STANDARD OIL COMPANY OF NEW YORK,
By C. M. HIGGINS.
NEW YORK MUTUAL GAS LIGHT COMPANY,
By R. M. GALLAWAY,
President.

DEFENDANT'S EXHIBIT AA107.

(Copy)

THE STANDARD OIL COMPANY OF NEW YORK

Agreement made this first day of January, A. D., 1911, between The Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part, and The New York Mutual Gas Light Company, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plant during the contract period beginning January 1st, 1911, and ending December 31st, 1911; such supply to be Eleven Million (11,000,000) Gallons, 10% more or

less; 50% of this amount to be a homogeneous Gas Oil of 28 to 30 degrees gravity; 50% to be a Gas Oil of 34 degrees gravity Beaume; such deliveries to be made as the business of the second party may require and as they in writing order.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Three (3) Cents per gallon for the 28 30 gravity oil, and Three and Three-Eighths (3-3/8) Cents per gallon for the 34 gravity oil delivered at the mouth of the pipe line at the dock or receiving point of the plant of the party of the second part in New York City.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange Inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said second party continuously and for the period above mentioned.

Option is given to second party to draw a supply covering the second year's requirements under the prices and terms expressed herein; said option to be exercised on or before December 1st, 1911.

A further option is given the second party to draw a supply covering the third year's requirements under the prices and terms expressed herein; said option to be exercised on or before December 1st, 1912.

The party of the first part agrees that there will be no unnecessary or unusual detention in the shipment of the oil herein mentioned but said party shall not be held responsible for accidents and unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash (30) days after date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK
By (Signed) C. M. HIGGINS
THE NEW YORK MUTUAL GAS LIGHT COMPANY
By (Signed) R. M. GALLAWAY
President

DEFENDANT'S EXHIBIT AA108.

(Copy)

THE STANDARD OIL COMPANY OF NEW YORK

Agreement made this 21st day of May, A. D., 1913, between the Standard Oil Company of New York, a corporation organized under the laws of the State of New York, party of the first part and the New York Mutual Gas Light Company, party of the second part, Witnesseth:

In Consideration of the mutuality hereof, it is hereby agreed between the parties hereto as follows:

1. The party of the first part sells and agrees to deliver to the party of the second part, its successors or assigns, the number of gallons of Gas Oil the second party shall use in the manufacture of gas in its plant during the contract period beginning January 1st, 1914, and ending December 31st, 1914, or when the quantity herein specified has been taken; such supply to be Nine Million Five Hundred Thousand (9,500,000) Gallons of Gas Oil of Twenty-Eight (28) to Thirty-Four (34) gravity Beaume.

2. The party of the second part agrees to receive the oil defined in Section 1 at and for the price of Five and Thirty-Five Thousandths (5.035) Cents per gallon, delivered at the mouth of the pipe line at the dock or receiving point of the plant of the party of the second part in New York City; such deliveries to be made as the business of the second party may require and as they in writing order.

Invoices are to be rendered and payments made on gallons certified to at loading point by a properly authorized New York Produce Exchange Inspector.

This Agreement is understood to cover the liquid gas making material that will be required for use in the plant of the said second party continuously and for the period above mentioned.

The party of the first part agrees that there will be no unusual or unnecessary detention in the shipment of the oil herein mentioned, but said party shall not be held responsible for accidents or unavoidable delays in the delivery of same.

It Is Agreed between the parties hereto that payments shall be made in cash thirty (30) days after the date of invoice; interest at six (6) per cent thereafter; funds current in New York.

In Witness Whereof the parties hereto have executed this agreement the day and date first written herein.

STANDARD OIL COMPANY OF NEW YORK
By (Signed) C. M. HIGGINS,
Director.

THE NEW YORK MUTUAL GAS LIGHT COMPANY
By (Signed) R. M. GALLAWAY,
President.

Copy

DEFENDANT'S EXHIBIT AA 109.

November 29, 1911.

Standard Oil Co. of N. Y.,
Mr. C. M. HIGGINS, Manager,
26 Broadway, New York City.

Dear Sir:

We beg to inform you that we herewith exercise our option, as written in the Agreement made the first day of January, 1911, between the Standard Oil Company of New York and

ourselves, to draw a supply of gas oil for the requirements of the year 1912—beginning January 1st and ending December 31st; to be used in the manufacture of gas at our plant; such supply to be Eleven Million (11,000,000) Gallons, 10% more or less; 50% of this amount to be a homogeneous gas oil of 28/30° gravity; 50% to be a gas oil of 34° gravity, Beaume; such deliveries to be made as our business may require.

We agree to receive the oil defined in the above paragraph at and for the price of three (3) cents per gallon for the 28/30° gravity oil, and three and three-eighths (3-3/8) cents per gallon for the 34° gravity oil, delivered at the dock or at the mouth of our pipe line at the foot of East 12th Street & East River.

Yours very truly,

THE NEW YORK MUTUAL GAS LIGHT COMPANY,

By

Dictated *President.*

C. M. Higgins.
Room 509.

26 Broadway,
New York.

December 1st, 1911.

Subject.
Gas Oil Contract

ROBT. M. GALLAWAY, Esq.,
Pres., New York Mutual Gas Light Co.,
New York.

Dear Mr. Gallaway:

I have your note of the 29th, and take this means of advising you that the matter referred to has become a record on the books of the Company—that you have executed the option and expect us to deliver the oil for the second year as provided for in the agreement existing between the two corporations, same of date of January 1st, 1911.

Yours very truly,

C. M. HIGGINS

DEFENDANT'S EXHIBIT AA 110.

November 27, 1912.

Standard Oil Co. of N. Y.,
Mr. C. M. HIGGINS, Manager,
26 Broadway, City.

Dear Sir:

We beg to inform you that we herewith exercise our option as written in the Agreement made the first day of January, 1911, between the Standard Oil Co. of N. Y., and ourselves, to draw a supply of gas oil for the requirements of the year 1913, beginning January 1st, and ending December 31st, to be used

in the manufacture of gas at our plant; such supply to be eleven million (11,000,000) gallons, ten per cent more or less; fifty per cent of this amount to be a homogeneous gas oil of 28/30° gravity—fifty per cent to be a gas oil of 34° gravity, Beaume; such deliveries to be made as our business may require.

We agree to receive the oil defined in the above paragraph at and for the price of three (3) cents per gallon for the 28/30° gravity oil, and three and three-eighths (3-3/8) cents per gallon for the 34° gravity oil, delivered at the dock or mouth of our pipe line at the foot of East 12th Street and East River.

Yours very truly,
THE NEW YORK MUTUAL GAS LIGHT COMPANY,
By R. M. G.,
President.

Dictated

Standard Oil Company of New York,
26 Broadway.

Department of Gas Oil
Rooms 509-514
C. M. Higgins.

New York, Nov. 29th, 1912.
Subject.

Dear Mr. Gallaway:

I beg to acknowledge your favor of November 27th.

We are quite willing to arrange the matter as your letter suggests with the following changes:

The gravity of the oil is to read "28 to 34" and this grade is to be delivered throughout the year as your business may require—the price of this oil to be the average sale price, namely, 3.1875c. per gallon delivered.

Expecting that you will consent to these modifications and so advise me, I am.

Faithfully yours,
C. M. HIGGINS.

R. M. GALLAWAY, Esq.,
Pres., New York Mutual G. L. Co.,
New York.

December 2, 1912.

C. M. HIGGINS, Esq.,
Manager,
Standard Oil Co.,
New York, N. Y.

Dear Mr. Higgins:

Replying to your favor of the 29th proximo would say that we consent to the modifications expressed in your letter of that date.

I remain,

Very respectfully yours,
R. M. G.,
President.

DEFENDANT'S EXHIBIT AA111

Jan 13/19 J A F

Send shipping instructions and remittances to the New York office of the Texas Company

CEW-LBW Return to F. D. G's File

Boston Office, 146 Summer Street
New York Office, 17 Battery Place
Philadelphia Office, Morris Building
Norfolk Office, Royster Building
Chicago Office, McCormick Building
St. Louis Office, 2414 DeKalb Street

The Texas Company

Feb 19 1918

Producers, Refiners and Distributors of Petroleum and its Products

Memorandum of Sale

Contract No. 8861

New York, October 17, 1916.

Contractor's Order No. Texas Co.'s / Customer's

Kings County Lighting Company,
42nd Street Building,
New York City.

Cancelled

Dear Sirs:

Subject to the stipulations printed on the back of this sheet, and rider hereto attached which are understood to be terms of the contract between ourselves (see over) we beg to confirm contract of sale to you as follows:

Cancelled
Date Feb 19 1918
Superintendent G. P. Gruet
H W

Product: Paraffine Gas Oil, 32 to 34 gravity Beaume, maximum Sulfur one-half of one per cent.

Quantity: All the Gas Oil used at your Brooklyn, N. Y. Plant during 1917; but not less than 4,050,000 American Gallons nor more than 4,950,000 American gallons.

Time of Shipment: During 1917 as called for by you.

Credit.

Div. Off.

Lub. Div.

Destination: Your Works, Brooklyn, N. Y.

Price: Bulk our barge alongside your dock, Brooklyn, N. Y. in minimum barge lots of 100,000 gallons, four and three-quarters (8.0175) cents per gallon, bulk taken at 60° F.

Payment of Federal Tax: It is agreed that the purchaser

will assume and bear any tax or duty now or hereafter placed on products covered by this agreement by the United States directly, or indirectly through the imposition of a federal tax or duty upon crude petroleum; and that the seller may at its option increase the prices herein provided for by the amount of any such tax or duty, or provide by any other method permitted by law for the payment of such tax or duty by the purchaser.

Terms: Cash our New York Office, 30 days after each delivery.

Other Particulars: Our barge to furnish pumps and lines to barge rail, you to furnish steam to pump and connections from barge rail, our responsibility ends at barge rail.

No sales contract involving more than One Thousand Dollars ($1,000.00), or covering a longer period than twelve (12) months, is binding on the Texas Company, unless signed by the Sales Manager or an Executive Officer.

Accepted:

KINGS COUNTY LIGHTING CO.,
By WM. FLOOK,
Secretay.

Yours truly,
THE TEXAS COMPANY
By C. ESSIDMOFF

The Texas Company

General Terms Applicable to This Contract

Delivery. Tank cars shall be discharged by the Purchaser immediately after arrival and shall be delivered without delay to the railway from which they were received to be returned to the Seller.

If delivery is made by barge the Purchaser will furnish necessary facilities for discharging immediately upon arrival, but the oil will be pumped out by the Seller. Access to the shore tanks of the Purchaser and guage tables thereof shall be given to Seller's representative for the purpose of gauging, and the Purchaser shall deliver to Seller's representative, upon completion of discharge, a receipt for the amount of oil delivered as shown by such guage, taken by representatives of both parties.

Seller's responsibility ends when goods are delivered to carriers in good condition for transportation. Payment is to be made on the basis of such delivery, the risk of leakage, loss or damage thereafter being assumed by the Purchaser.

Claims. All claims for defects in quantity or quality of goods delivered shall be made, and Seller shall be given an opportunity to inspect, within three days after reaching destination, and before goods are removed from the barge, tank car, tank wagon or package, as the case may be, within which same

are shipped. Failure to comply with this provision shall invalidate any claim.

Shipments. In case deliveries are made in carload, barge load or tank wagon lots, deliveries within ten per cent. of amounts called for by the contract or any installment thereof shall be deemed sufficient deliveries by the Seller, only the actual amounts delivered to be paid for.

Delays, &c. In case of strike, fire or other cause which shall prevent performance by either party, the party suffering therefrom may at its option suspend deliveries hereunder for a reasonable period based upon the delay occasioned by the happening of the causes aforesaid.

At the expiration of such period such party shall give reasonable notice of its readiness to resume making or receiving deliveries hereunder, and thereupon this contract shall be revived and binding upon both parties. All deliveries which by the terms hereof were to be made during the period of suspension shall be made after such revival, and the period of this contract and the time for making and accepting deliveries hereunder shall be correspondingly extended; no liability for damages shall attach against either party on account of any suspension by reason of any of the causes above enumerated.

Assignability. This contract is not assignable by the Purchaser except by consent of the Seller, or by operation of law.

Packages. Steel barrels or drums must be returned immediately after emptying, and in no event later than ten days after receipt; otherwise demurrage will be charged at the rate of 2 cents per day per barrel or drum. No material other than the original contents shall be put therein. Buyer shall be held responsible for any damage to such barrels or drums while in his possession. In case of loss, destruction, or failure to return such barrels or drums, the Seller shall be entitled to charge and collect from the Buyer $8.00 for each barrel or drum not returned.

Payment and Credit. Payments shall be made without discount or deduction at the office of the Seller in current funds or equivalent. The total amount of credit is to be adjusted to satisfaction of Seller's Credit Department. If at any time the Purchaser's financial responsibility should appear unsatisfactory to the Seller, cash payment or satisfactory security may be demanded by the Seller, and such demand shall be complied with by the Purchaser. Default in payment will authorize the Seller to suspend shipments or cancel contract, but this provision shall not be taken to preclude the Seller from any other remedy afforded him by this contract or by law.